

ANITA BORG INSTITUTE

GRACE HOPPER

CELEBRATION OF WOMEN IN COMPUTING

PRESENTED IN PARTNERSHIP WITH THE ASSOCIATION FOR COMPUTING MACHINERY

#OurTimeToLead

October 14-16, 2015

Houston, Texas

gracehopper.org



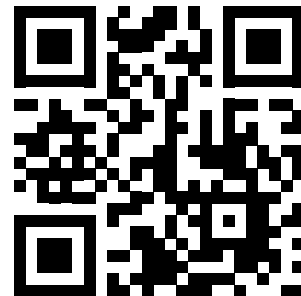
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WELCOME

Welcome to the 2015 Grace Hopper Celebration of Women in Computing.

This year's conference is noteworthy for a number of reasons — not only are we hosting the most attendees in GHC history (12,000!), but we're also delivering a clear and powerful message: our time to lead is right now. This year, we shed light on all the remarkable contributions made by women technologists, while highlighting the work that remains to create inclusive organizational cultures that welcome women. Our speakers are extraordinary role models, and the engaging conference sessions showcase the tremendous talent and leadership demonstrated by women technologists at the world's top organizations.

It is more than fitting that the theme for this year's Grace Hopper Celebration embodies this compelling message as well. There are so many women spearheading and researching important new technologies, and by celebrating their achievements, we inspire future generations of women pursuing careers in computing. This gathering of brilliant, accomplished women — all the speakers, conference organizers, volunteers and attendees — is clear evidence that today is a pivotal moment for women in technology.

We're thrilled to welcome everyone attending this year's Grace Hopper Celebration — women and men. Let's seize this moment, join in community, and show the world that now is truly #OurTimeToLead.



Telle Whitney
Telle Whitney

Co-Founder, Grace Hopper Celebration
President and CEO, Anita Borg Institute

Computing professionals like you are driving innovations and transforming technology across continents.

As a proud partner of the Grace Hopper Celebration of Women in Computing, ACM demonstrates its commitment to women who want to join and build computing communities that advance our society and well-being.

GHC is the world's largest technical conference for women in computing, bringing together women technologists for the past 13 years to discuss research and career interests. The growth of GHC is truly staggering, with 12,000 registrants projected to attend this year, and proving, as this year's theme states, it's #OurTimeToLead.

You'll encounter many other accomplished women technologists from all over the globe in technical presentations on a variety of topics that are leading innovation today, areas where women are making real and critical impact. I hope you also find inspiration from the many organizational transformation programs, leadership workshops and professional development sessions.

We welcome those who have traveled from both near and far to join this celebration and to share, learn, and inspire each other.



Alexander Wolf
Alexander Wolf

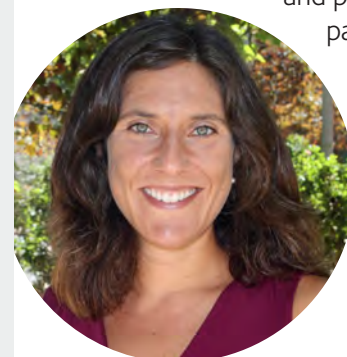
ACM President, Professor, Department of Computing,
Imperial College London

MEET THE 2015 GENERAL CHAIRS

Christine Alvarado

Christine Alvarado is a lecturer at the Jacobs School of Engineering at University of California, San Diego. As one of the co-chairs for this year's Grace Hopper Celebration, Christine provides guidance in terms of shaping the overall program material as well as selecting track chairs and speakers for each daily session.

As a former tenured associate professor at Harvey Mudd College, Christine brings a wealth of experience in developing new computer science curriculums and programs designed to appeal to a broader range of students, particularly women. At Harvey Mudd, Christine co-designed the CS for Scientists program, which incorporated different programming languages (besides Java), hardware development classes and CS theory and efficiency courses. CS for Scientists was also designed to tie into other scientific disciplines such as biology, mathematics, game theory and artificial intelligence, with fun assignments that demonstrate the broad, practical applications of obtaining a CS degree.



"In previous years, the themes have been forward thinking and focused on the vision or future for women in tech. The idea this year was that the time is here, it's happening now and we just need to do it. We've had enough planning, enough programs and now is the time to take action."

Lilia Abaibourova

Lilia Abaibourova, general co-chair for the Grace Hopper Celebration, is a senior staff engineer at HBO. Previously, Lilia spent seven years at Microsoft, where she became an early champion for women technologists by starting a small women's lunch group and later, the Women of Office support group which hosted career-oriented events and talks for women engineers. She first attended GHC in 2006, where she was exposed to the full picture of women in computing today. "I thought, maybe it's not fine the way it is," she says. "Maybe there is something more that we can do."

As general co-chair for GHC, Lilia has helped drive a significant structural change to this year's conference. Her experience leading women's groups at an industry giant like Microsoft as well as her background as a computer scientist in Russia has helped Lilia shape this year's GHC program content to appeal to the conference's broadest range of attendees yet.

Lilia emphasizes the need for companies to have strategies in place, particularly during the hiring process, to grow the number of women in technical roles.

"It needs to be more obvious for organizations to genuinely recognize the problem, and they need resources to tackle the issue," says Lilia. "Hiring managers need to be educated on the lack of women in tech, and then they need concrete ways of changing their practices."



"We wanted an actionable theme that was a kind of appeal to women everywhere. This is an empowering statement that says the time is now for us to take control."

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<http://anitaborg.org/awards-grants/ghc-scholarship-grants/>

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To accommodate the expanded programming at GHC 2015, we are introducing Clusters.

Clusters may contain multiple tracks that cover similar topics. Sessions within a Cluster are located near each other to make it easier for you to get to the sessions you are interested in. Look out for signs that will help you find the Clusters you're interested in.

CAREER

- CAREER
- COMMUNITY
- FACULTY

EMERGING TECH/ BEST OF

- BEST OF
- INTERNET OF THINGS/
EMERGING TECH

GENERAL SESSIONS

- BREAKS
- GENERAL SESSIONS
- LUNCHES
- POSTERS
- SPECIAL SESSIONS

OPEN SOURCE

- OPEN SOURCE

ORGANIZATIONAL TRANSFORMATION

- ORGANIZATIONAL
TRANSFORMATION

PRODUCTIZATION

- PRODUCTIZATION

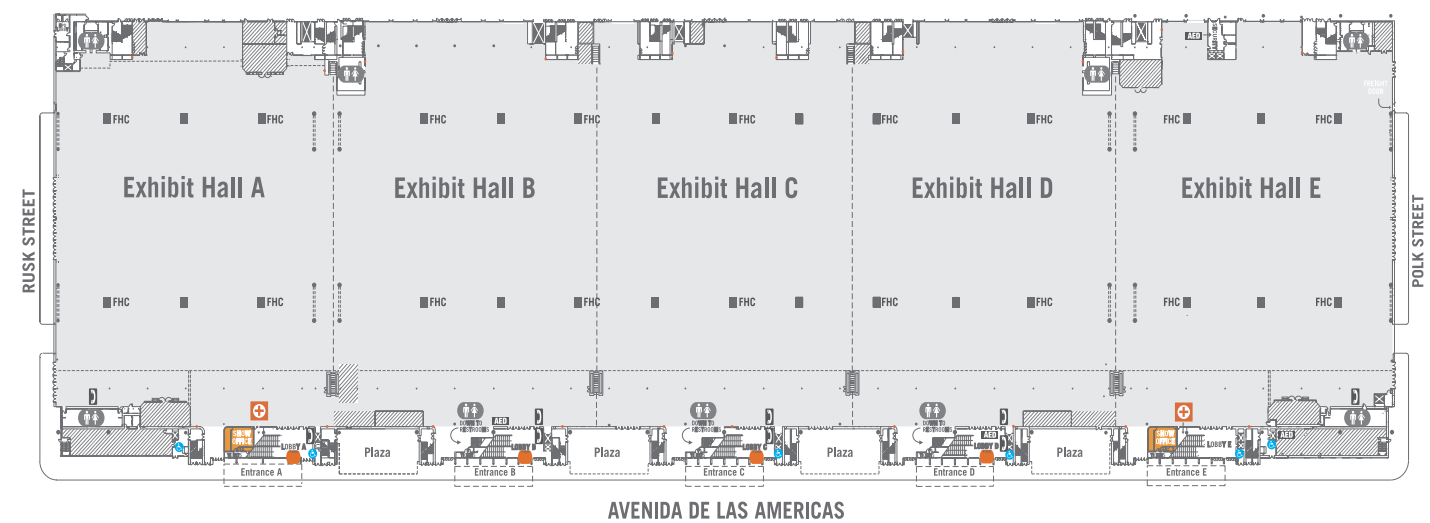
TECHNOLOGY

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- DATA SCIENCE
- GFX
- HCI
- SECURITY/PRIVACY
- SOFTWARE ENGINEERING

LEVEL TWO

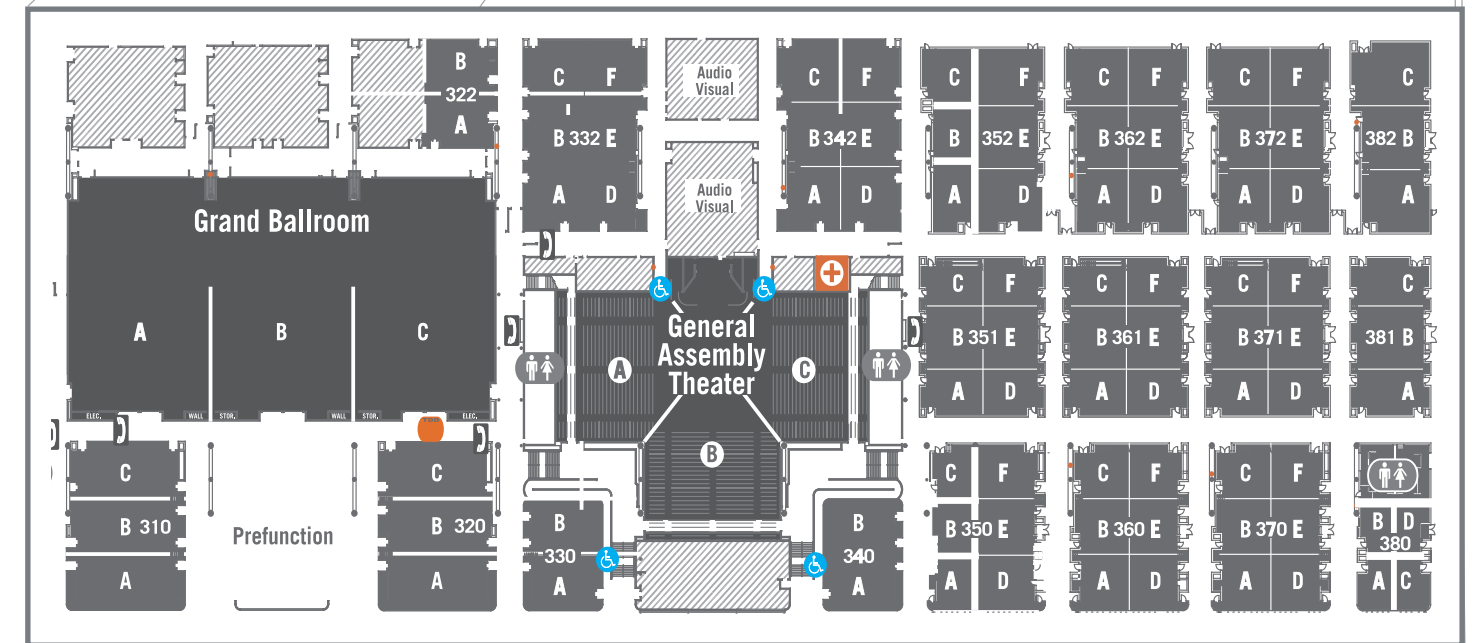
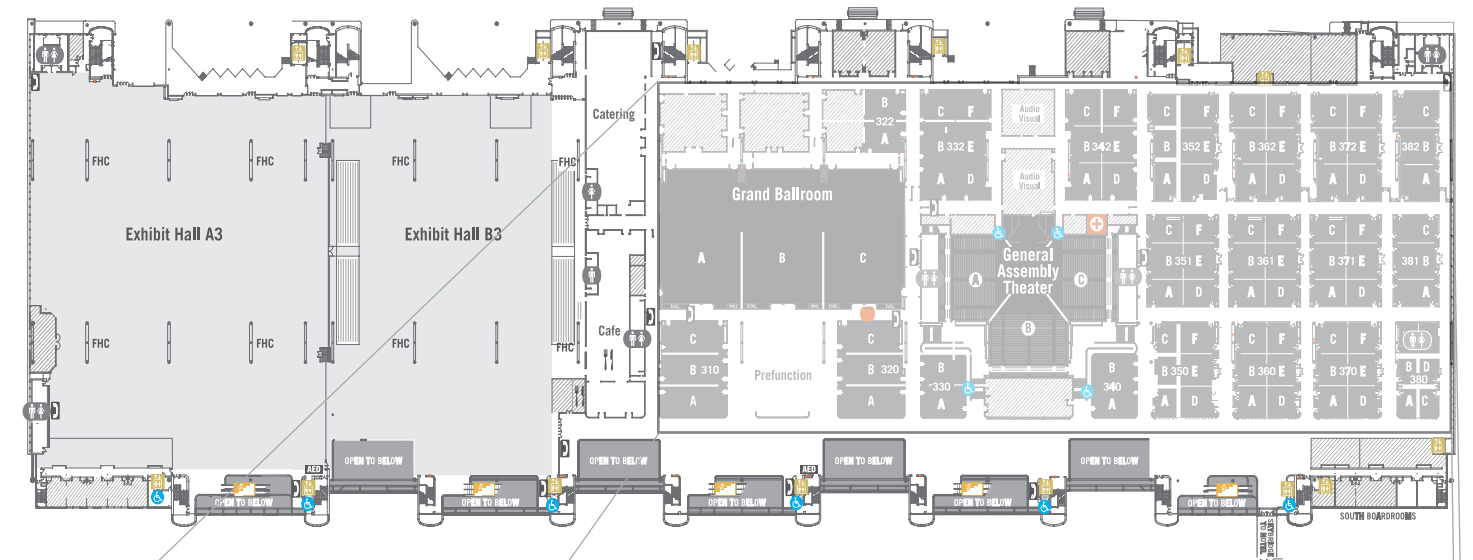


LEVEL ONE



CONFERENCE MAPS GEORGE R. BROWN CONVENTION CENTER

LEVEL THREE



Detail of rooms on level 3

CONFERENCE MAPS HILTON AMERICAS

To accommodate the expanded programming at GHC 2015, we are introducing Clusters.

Clusters may contain multiple tracks that cover similar topics. Sessions within a Cluster are located near each other to make it easier for you to get to the sessions you are interested in. Look out for signs that will help you find the Clusters you're interested in.

CAREER

- CAREER
- COMMUNITY
- FACULTY

EMERGING TECH/ BEST OF

- BEST OF
- INTERNET OF THINGS/
EMERGING TECH

GENERAL SESSIONS

- BREAKS
- GENERAL SESSIONS
- LUNCHES
- POSTERS
- SPECIAL SESSIONS

OPEN SOURCE

- OPEN SOURCE

ORGANIZATIONAL TRANSFORMATION

- ORGANIZATIONAL
TRANSFORMATION

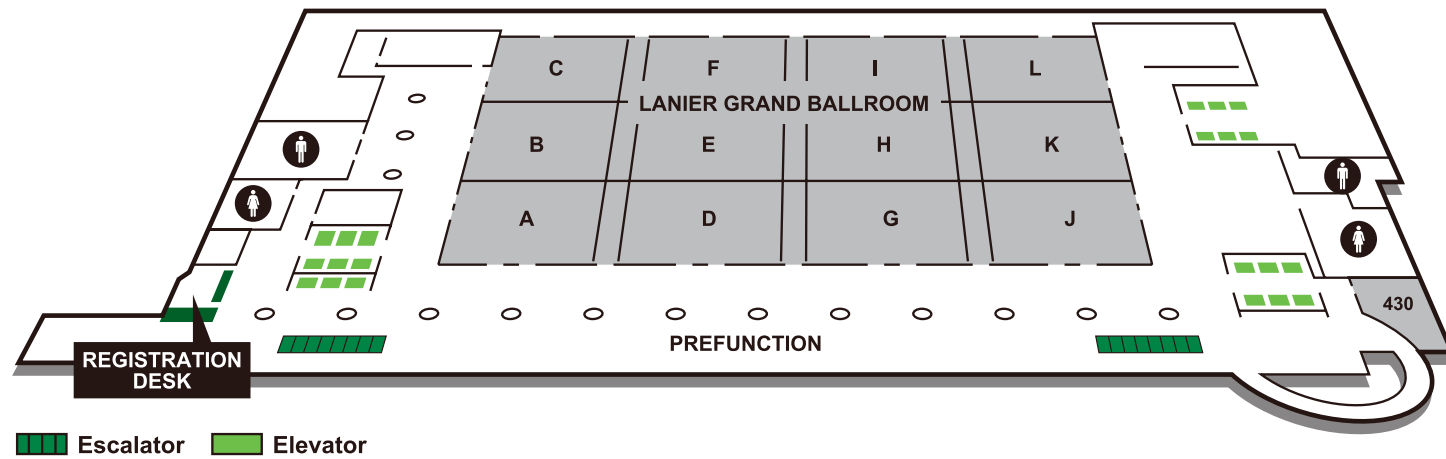
PRODUCTIZATION

- PRODUCTIZATION

TECHNOLOGY

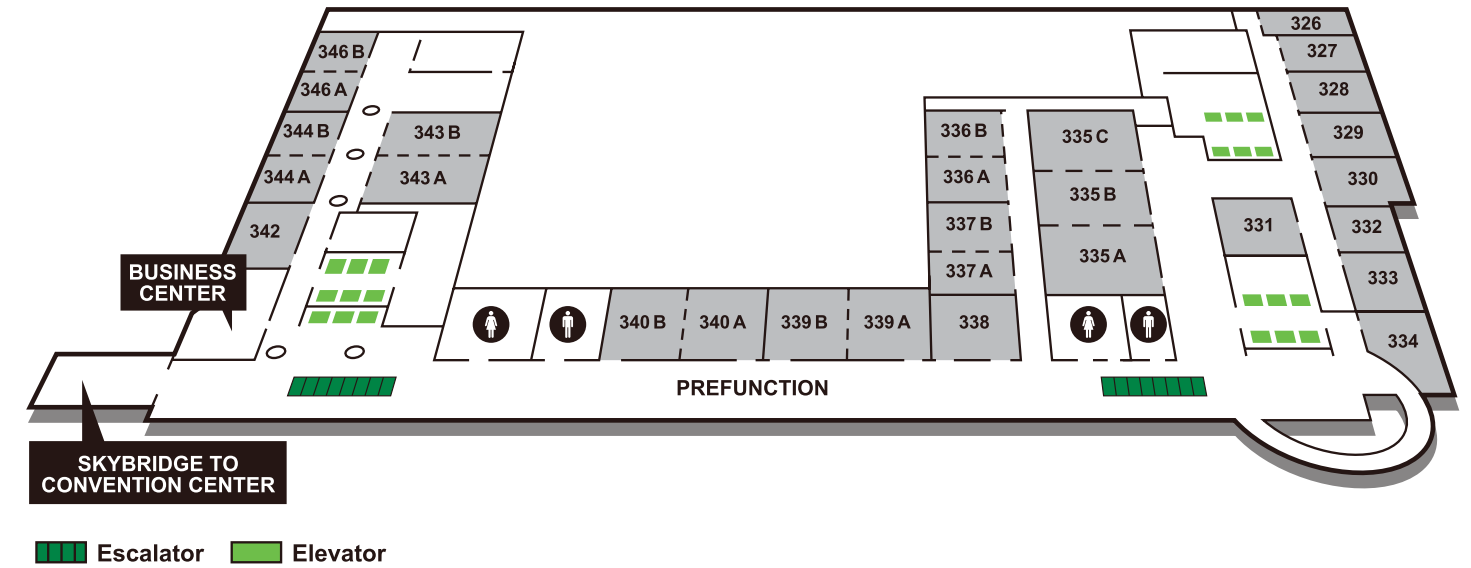
- ARTIFICIAL INTELLIGENCE
- DATA SCIENCE
- GFX
- HCI
- SECURITY/PRIVACY
- SOFTWARE ENGINEERING

LEVEL FOUR

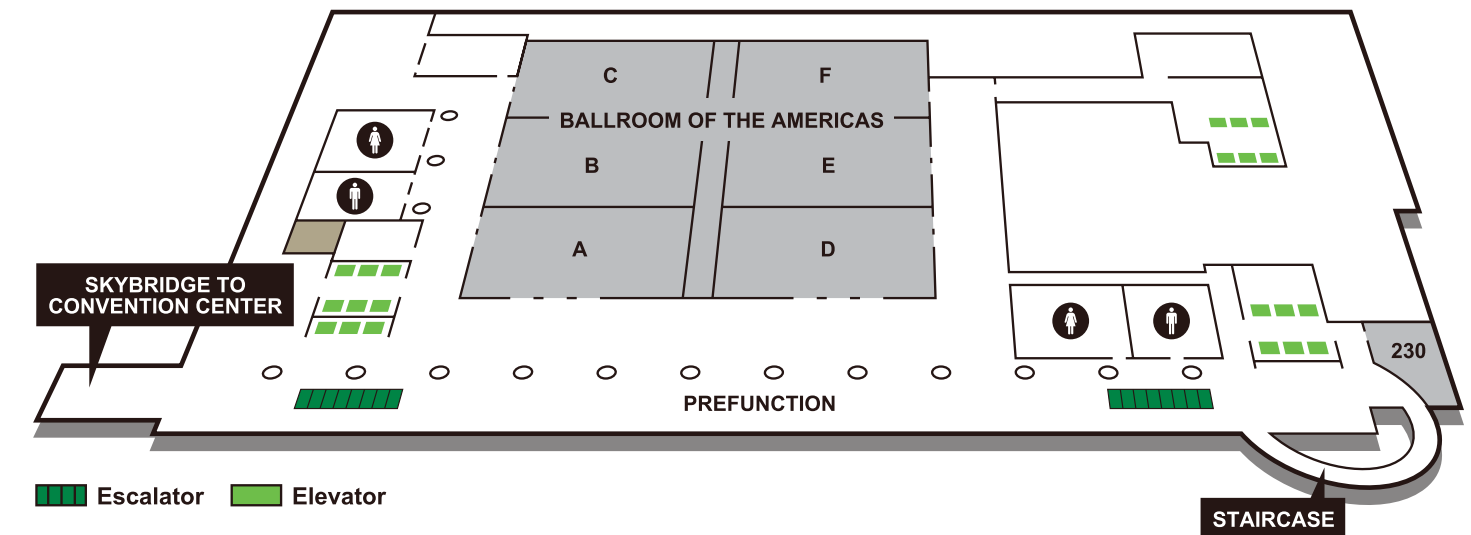


CONFERENCE MAPS HILTON AMERICAS

LEVEL THREE



LEVEL TWO



GENERAL CONFERENCE INFORMATION

Career Fair Booths

📍 Halls A-C (Level One, George R. Brown Convention Center)

Wednesday: 5:30 p.m. – 10 p.m.

Thursday: 10 a.m. – 5:30 p.m.

Friday: 10 a.m. – 2:30 p.m.

Childcare and Nursing Mothers Room

SPONSORED BY PURESTORAGE

📍 GHC Child Care is located at the Hilton Americas Houston, 1600 Lamar St., across the street from the George R. Brown Convention Center (GRBCC).

0-3 years (Room 329)

4-7 years (Room 328)

8-12 years (Room 327)

Child Care Meal Room (Room 326)

Nursing Mothers (Room 330).

Another Nursing Mothers Room is available at the GRBCC in Room 380D.

Childcare and Nursing Mothers Room available free of charge to all conference attendees.

Advance registration is required for child care.

Wednesday: 7 a.m. – 10:30 p.m.

Thursday: 7 a.m. – 11:30 p.m.

Friday: 7 a.m. – 12:30 a.m. (Saturday)

Coat & Luggage Check

📍 Level One Concourse, GRBCC in front of Hall D

A coat check is provided for the convenience of conference attendees. Items cost \$2/day to check and must be collected by closing time each day. We are not liable for any loss or damage.

Wednesday: 6:30 a.m. – 10:30 p.m.

Thursday: 6:30 a.m. – 11:30 p.m.

Friday: 6:30 a.m. – 12:30 a.m.

(Saturday)

Conference Information

📍 Three Locations in GRBCC: Level One Concourse near GHC Registration, Level Two near Visitors Center, and Level Three in meeting room pre-function space

📍 Two Locations in Hilton Americas: Level Two in main pre-function space near sky bridge, Level Three in main pre-function space near sky bridge

Cyber Center

📍 2 Locations in Halls A-C (Level One Concourse, GRBCC)

Computers are available for use by conference attendees at no cost.

Wednesday: 5:30 p.m. – 10 p.m.

Thursday: 10 a.m. – 5:30 p.m.

Friday: 10 a.m. – 2:30 p.m.

First Aid Room

📍 2 Locations at GRBCC: Room 352 D (Level Three) and outside of Hall A (Level One)

📍 1 Location at Hilton Americas: Room 332

Interview Booths

📍 Halls A-C (Level One, GRBCC)

Wednesday: 5:30 p.m. – 10 p.m.

Thursday: 10 a.m. – 5:30 p.m.

Friday: 10 a.m. – 2:30 p.m.

Registration

📍 Level One Concourse (GRBCC)

Additional self-service registration kiosks will be available on Level Two of the GRBCC near FedEx, and in the Hilton Americas lobby near hotel front desk.

(Hilton Americas kiosks available Tuesday and Wednesday only.)

Tuesday: 9 a.m. – 8 p.m.

Wednesday: 7 a.m. – 7:30 p.m.

Thursday: 7 a.m. – 7:30 p.m.

Friday: 7 a.m. – 3 p.m.

Speaker Ready Room

📍 GRBCC Location: Room 330 (Level Three)

📍 Hilton Americas Location: Room 430 (Level Four)

IMPORTANT: A representative from each session must check in at the Speaker Ready Room, no less than four hours before their presentation.

Wednesday: 7 a.m. – 4:30 p.m.

Thursday: 7 a.m. – 6:30 p.m.

Friday: 7 a.m. – 6:30 p.m.

Complimentary Shuttle Service

SPONSORED BY AMERICAN EXPRESS

📍 Drop-Off Location: Polk Street (bordering GRBCC near Hall E)

📍 Drop-Off Location: Hilton Americas East Lobby (across the street from GRBCC and connected by sky bridge)

📍 Transit Center (catty-corner to GRBCC and connected by sky bridge)

GHC provides complimentary shuttle service from selected hotels to the George R. Brown Convention Center. Please check the GHC website or mobile app for complete and up-to-date shuttle information.

Wednesday: 6:30 a.m. – 10:30 p.m.

Thursday: 6:30 a.m. – 11:30 p.m.

Friday: 6:30 a.m. – 1 a.m. (Saturday)

Wireless Internet

SPONSORED BY ERICSSON

📍 All George R. Brown Convention Center spaces; Levels Two, Three and Four at Hilton Americas

Free wireless internet is available for all attendees throughout the conference.

GRBCC SSID: GHC-GRBCC-Ericsson

Hilton Americas SSID: GHC-Hilton-Ericsson



ANITA BORG INSTITUTE

TOP COMPANIES FOR WOMEN TECHNOLOGISTS



Find out how at our Top Companies session, "The Power in Numbers," Friday at 2:30.*



* See details on page 62.

Top Companies for Women Technologists recognizes companies that create workplaces where women technologists can thrive.

Look for companies with these badges:



WEDNESDAY, OCTOBER 14



SESSION HIGHLIGHTS DAY I: WEDNESDAY

This year's Grace Hopper Celebration is all about seizing this moment as #OurTimeToLead. GHC 2015 kicks off with a day of sessions aimed at empowering and inspiring women technologists to become the next leaders in their fields.

GET INSPIRED

8:30 a.m. – 10:00 a.m.

Start off your morning with a healthy dose of inspiration from keynote speaker **Hilary Mason**, Founder of Fast Forward Labs and Data Scientist in Residence at Accel Ventures.

Also join us in celebrating **Lydia E. Kavradi**, winner of the Technical Leadership ABIE Award. Lydia is the Noah Harding Professor of Computer Science and Professor of Bioengineering at Rice University.

GAIN EXPERTISE

10:30 a.m. – 12:30 p.m.

OR

1:15 p.m. – 3:15 p.m.

Register for our three **leadership workshops** where you can learn how to build your brand as an emerging leader or technical expert, how to communicate for impact and influence, and how to showcase your work by giving your first lightning talk.

Many Sessions

Grad students, early professionals and mid-career/senior academics can't miss **CRA-W's sessions** covering topics like building self confidence, finding a research topic, the tenure process and becoming an effective leader. #CRAWOMEN

6:30 p.m. – 9:00 p.m.

Get a glimpse of what the next generation of tech innovators is developing at one of the largest technical **poster sessions** in the country. Also featured is the **ACM Research Competition**, which wraps up on Friday.

GET CONNECTED

5:30 p.m. – 10:00 p.m.

Don't miss the launch of the industry's largest **Career Fair** for women in computing, as well as GHC's first ever **Community Fair**, where you can interact with our communities and alliance partners. The Community Fair will feature a **Speakers Corner** and **Town Hall**, where you can meet and hear more from GHC speakers and guests. Also be sure to stop by the **ABI Booth**, where you can learn more about the Anita Borg Institute and how to stay connected and get involved beyond GHC.

To accommodate the expanded programming that we're offering at GHC 2015, we are introducing Clusters. Clusters may contain multiple tracks that cover similar topics. Sessions within a Cluster are located near each other to make it easier for you to get to the sessions you are interested in. Look out for signs that will help you find Clusters.

CAREER

CAREER
COMMUNITY
FACULTY

EMERGING TECH/BEST OF

BEST OF
INTERNET OF THINGS/
EMERGING TECH

GENERAL SESSIONS

BREAKS
GENERAL SESSIONS
LUNCHES
POSTERS
SPECIAL SESSIONS

OPEN SOURCE

OPEN SOURCE

ORGANIZATIONAL TRANSFORMATION

ORGANIZATIONAL
TRANSFORMATION

PRODUCTIZATION

PRODUCTIZATION

TECHNOLOGY

ARTIFICIAL INTELLIGENCE
DATA SCIENCE
GFX
HCI
SECURITY/PRIVACY
SOFTWARE ENGINEERING

SPEAKERS AND HONOREES DAY 1: WEDNESDAY

8:30 a.m. – 10:00 a.m.

Halls D-E Level One GRBCC

Hilary Mason

Founder of Fast Forward Labs | **KEYNOTE SPEAKER**

Hilary Mason is the founder of Fast Forward Labs, a New York City-based machine intelligence research company. She is also the Data Scientist in Residence at Accel Partners, a venture capital firm, and previously served as the Chief Scientist at Bitly.

Hilary has deep roots in the New York technology scene, co-founding HackNY, co-hosting DataGotham and participating in NYCResistor. Since 2011, Hilary has also been an active member of Mayor Bloomberg's Technology and Innovation Advisory Council. Her many honors include earning the TechFellows Engineering Leadership award, and being named on the Forbes 40 under 40 Ones to Watch list and Crain's New York 40 under Forty list.

Hilary also serves as an advisor to several New York-based startups including knod.es, collective[i], Mortar Data and DataKind, a non-profit organization bringing together data scientists with high-impact social organizations. Additionally, Hilary served as a mentor to Betaspring, a Rhode Island-based startup accelerator and TechStars New York.

Lydia E. Kavradi

2015 Winner of the Grace Hopper Celebration Technical Leadership ABIE Award | **ABIE AWARD WINNER**

AWARD SPONSORED BY QUALCOMM

Lydia E. Kavradi is the Noah Harding Professor of Computer Science and professor of Bioengineering at Rice University. She received her B.A. in Computer Science from the University of Crete in Greece and her Ph.D. from Stanford University. Her research focuses on physical algorithms and their applications in robotics, computational structural biology, and translational bioinformatics. Lydia has advised 20 Ph.D., 15 postdoctoral, and more than 50 undergraduate students. She is the recipient of the 2000 Grace Murray Hopper Award, a Fellow of ACM, IEEE, AAAS, AAI, AIMBE, and a member of the National Academy of Medicine.

#ABIEWINNER



SPEAKERS AND HONOREES DAY 1: WEDNESDAY

10:30 a.m. – 11:30 a.m.

General Assembly Theatre C Level Three GRBCC

Anna Lysyanskaya

Professor of Computer Science at Brown University | **INVITED TECHNICAL SPEAKER**

Anna Lysyanskaya is a Professor of Computer Science at Brown University.

She received her Ph.D. in Computer Science and Electrical Engineering from MIT in 2002. In addition to MIT, her Ph.D. work was supported by an NSF fellowship, and Bell Labs' GRFP program (mentored by Peter Winkler).

Anna joined the faculty of Brown as an Assistant Professor in 2002, was promoted to Associate Professor in 2008, and to Professor in 2013. While at Brown, she received an NSF CAREER award and numerous other NSF grants that have supported her and her students' research. She also spent a sabbatical at the Weizmann Institute of Science and at the UCLA IPAM.

In 2007, the MIT Technology Review Magazine included Anna into their annual list of "35 Innovators under 35." Other awards include the Sloan Research Fellowship, the IBM Faculty Fellowship, and the Google Faculty Research Award.



3:45 p.m. – 5:15 p.m.

Halls D-E Level One GRBCC

Clara Shih

CEO and founder of Hearsay Social | **PLENARY SPEAKER**

Clara Shih is CEO and founder of Hearsay Social, a social media marketing management platform. At Hearsay, Clara's core mission is to develop the company into a diverse work environment where everyone feels comfortable and welcome.

Growing up in Chicago, Clara learned to love math, science and technology from her dad, an electrical engineer. A Businessweek cover story on Silicon Valley inspired her to move west, and she graduated #1 in Computer Science at Stanford University, where she also received an M.S. in Computer Science – User Experience and Design. Clara went on to complete an M.S. in Internet Studies from the University of Oxford, where she studied as a U.S. Marshall Scholar. She has gone on to be named one of Fortune's Most Powerful Women Entrepreneurs, Fast Company's Most Influential People in Technology and Businessweek's Top Young Entrepreneurs.

In 2004, Clara received an Anita Borg Scholarship to attend GHC. Now, she will once again return, this time as a woman who has overcome the many obstacles posed by the gender gap in tech. Clara will share pertinent advice for young women entering the tech and business world:

"Don't underestimate yourself...It's easy to feel intimidated when you are the only woman in the room and to want to shrink away, but remember: It's an opportunity to show everyone who you are and what you're capable of. Seize it!" she says.

SPEAKERS AND HONOREES DAY I: WEDNESDAY

3:45 p.m. – 5:15 p.m.

Halls D-E Level One GRBCC

Blake Irving

CEO and Board Director of GoDaddy | **PLENARY SPEAKER**

Blake Irving is the CEO and Board Director of GoDaddy, the world's largest domain name provider and web host. Under Blake's direction, the company has sharpened its focus on helping the world's 200 million small, independent ventures to grow and thrive online—utilizing a unified platform that powers their digital presence, communications, marketing, commerce, back-office administration and peer/community support.

Prior to Go Daddy, Blake was EVP and Chief Product Officer at Yahoo!, a role in which he grew active users from 550 million to nearly one billion users.

Blake spent 15 years at Microsoft where he created and grew MSN Messenger into the world's most successful instant messaging platform, re-architected and grew Hotmail to 270 million users worldwide, and deployed their first billion dollar advertising system, adExpert.

A technology pioneer for more than 30 years, Blake began his career at Xerox in 1981 during the heyday of PARC labs. He has since been at the forefront of innovation, having been involved in numerous products and services that are now staples of the internet, including typography, communications on the personal computer, subscription services, online advertising and global-scale services platforms known collectively today as “the cloud.”

Blake is a graduate of San Diego State University and received an MBA from Pepperdine University, where he later served as a professor of business. He currently resides in San Luis Obispo, CA with his wife and two sons.

Megan Smith

Chief Technology Officer, United States of America | **PLENARY SPEAKER**

Megan Smith is the United States Chief Technology Officer in the Office of Science and Technology Policy. In this role, she serves as an Assistant to the President. As U.S. CTO, Megan focuses on how technology policy, data and innovation can advance our future as a nation.

Megan is an award-winning entrepreneur, engineer and tech evangelist. She most recently served as a Vice President at Google, first leading New Business Development — where she managed early-stage partnerships, pilot explorations and technology licensing across Google's global engineering and product teams for nine years. She later served as a VP in the leadership team at Google[x] — where she co-created the company's “SolveForX” innovation community project “WomenTechmakers” tech-diversity initiative and worked on a range of other projects.

Megan previously served as CEO of PlanetOut, a leading LGBT online community in the early days of the web, where the team broke through many barriers and partnered closely with AOL, Yahoo!, MSN and other major web players. Megan was part of designing early smartphone technologies at General Magic and worked on multimedia products at Apple Japan.

Megan has served on the boards of MIT, MIT Media Lab, MIT Technology Review and Vital Voices. She is also a member of the USAID Advisory Committee on Voluntary Foreign Aid and serves as an advisor to the Joan Ganz Cooney Center and the Malala Fund, which she co-founded. Megan holds bachelor's and master's degrees in mechanical engineering from MIT, where she completed her master's thesis work at the MIT Media Lab.



SESSIONS DAY I: WEDNESDAY

8:30 a.m. - 10:00 a.m.

GENERAL SESSION

Wednesday Keynote

Halls D-E Level One GRBCC

Keynote: Hilary Mason kickstarts GHC 2015 with a rousing talk on inspiring women in tech.

Hilary Mason, Founder of Fast Forward Labs and Data Scientist in Residence at Accel Ventures

ABIE Award Winner: The Anita Borg Institute will present the winner of the Technical Leadership ABIE Award, which recognizes a woman who inspires the community through outstanding technological contributions. #ABIEWINNER

Lydia E. Kavradi, winner of the Technical Leadership ABIE Award and Noah Harding Professor of Computer Science and Professor of Bioengineering at Rice University

10:00 a.m. - 10:30 a.m.

BREAKS

Break

10:30 a.m. - 11:30 a.m.

SECURITY/PRIVACY

PRESENTATION / LIGHTNING TALK

ITS Security/Privacy:

Anna Lysyanskaya

General Assembly Theatre C Level Three GRBCC

Authorized but Anonymous: Taking Charge of Your Personal Data

Anna Lysyanskaya (Brown University)

SOFTWARE ENGINEERING

WORKSHOP

Ditch Your Desktop! Lead Your Team into Cloud Computing!

342 A Level Three GRBCC

Lauren Hayward Schaefer (IBM)
★ Beginner

DATA SCIENCE

PRESENTATION / LIGHTNING TALK

Infrastructure & Optimization for Data Science: Presentations

362 A Level Three GRBCC

Optimization and Big Data: An Application from Car Rental Pricing

Ezgi C. Eren (PROS)
★ Advanced

High Availability and High Frequency Big Data Analytics

Esther Kundin (Bloomberg LP)
★ Intermediate

SEAD: Infrastructure for Managing Research Data in the Long Tail

Sandy Payette (University of Michigan, Ann Arbor)

★ Intermediate

GFX

PANEL

Design and Development Considerations in Serious Games

351 A Level Three GRBCC

Amanda J. Lange (Microsoft), Sheri Graner Ray (Zombie Cat Studios), Heidi McDonald (Schell Games), Jaime Banks (West Virginia University)
★ Intermediate

HCI

PRESENTATION / LIGHTNING TALK

HCI: Presentations

361 A Level Three GRBCC

Implicit Brain-Computer Interaction Applied to a Novel Adaptive Musical Interface

Beste Filiz Yuksel (Tufts University)

★ Advanced

Inclusivity in Virtual Reality Development

Olivia R. Erickson (Microsoft)
★ Intermediate

When Technology Gets in the Way... Wear It!

Halley Profita (University of Colorado, Boulder)

★ Beginner

CAREER

PRESENTATION / LIGHTNING TALK

Career: Presentations

320 A Level Three GRBCC

Evolution of the Job Market Due to Technology Paradigm Shifts

Antonella Corno (Cisco)
★ All

Happiness and Career Satisfaction

Sonal Gupta (Union Pacific Railroad)
★ Students, Mid-Career and Early Career

Become a Better Engineer Through Writing

Kristina L. Thai (Intuit)
★ Students and Early Career

SESSIONS DAY I: WEDNESDAY

10:30 a.m. - 11:30 a.m.

CAREER

WORKSHOP

Presenting Yourself with Credibility

- 310 D Level Three GRBCC
- Christina Tan (Extempa)
- ★ All

CAREER

WORKSHOP

CRA-W Early Career: The Tenure Process

- 322 A Level Three GRBCC
- Joan Francioni (Winona State University), Julia Hirschberg (Columbia University)

CAREER

PANEL

Beyond Technical: Advancing Careers through Business Knowledge and Relationship Management

- General Assembly Theatre A Level Three GRBCC
- Shannon C. Sweeney (InSource Group), Phyllis Kolmus (AT&T), Kunkun Callaghan (Freddie Mac), Amy J. Bravo (Extreme Networks), Hoffman Michele (Clarendon Partners)
- ★ Early Career

CAREER

WORKSHOP

CRA-W Grad Student Workshop: Building Self-confidence

- 332 C Level Three GRBCC
- Cecilia Aragon (University of Washington), Patty Lopez (Intel)

CAREER

WORKSHOP

CRA-W Leadership Workshop: Gaining Recognition

- 332 A Level Three GRBCC

- Mary Jane Irwin (Pennsylvania State University), Deb Agrawal (Lawrence Berkeley National Laboratory)

PRODUCTIZATION

PANEL

The Cloud: Releasing Software into Controlled Chaos

- Lanier Grand Ballroom A Level Four Hilton Americas
- Kate Gentry (Salesforce.com), Eugene Boguslavsky (Facebook), Nicole Santiago (Honeywell), Tzvetana Duffy (Autodesk), Geraldine Gray (Endiem)
- ★ Intermediate

INTERNET OF THINGS/
EMERGING TECH

PRESENTATION / LIGHTNING TALK

IoT and Emerging Tech: Presentations

- General Assembly Theatre B Level Three GRBCC

A linked data platform for the realisation of smart cities

- Larissa Romualdo Suzuki (University College London)
- ★ Advanced

Wearable Sensor Data and Medical Records for Clinical Outcome Prediction

- Gina Sprint (Washington State University)

★ Advanced

IoT Session Management - Balancing Power, Signal and Delay

- Xiaoli Wang (Princeton University)
- ★ Advanced

ORGANIZATIONAL
TRANSFORMATION

PRESENTATION / LIGHTNING TALK

Solving the Equation: The Variables for Women's Success in Computing

- Lanier Grand Ballroom C Level Four Hilton Americas

- Christianne M. Corbett (AAUW)
- ★ All

OPEN SOURCE

PRESENTATION / LIGHTNING TALK

Open Source: Presentations

- 370 A Level Three GRBCC

Your Open Source Story Matters

- Jen Wike Huger (Red Hat / Opensource.com)

★ Beginner

Open Source High Performance Computing: Not Your Grandma's Supercomputer

- Robin J. Goldstone (Lawrence Livermore National Laboratory)

★ Beginner

Adopting Open Source Continuous Integration Software at a Supercomputing Facility

- Sreeranjani Ramprakash (Argonne National Laboratory)

★ Beginner

Secure Native Code on the Web

- Deepti Gandluri (Google)

★ Beginner

OPEN SOURCE

PANEL

Humanitarian Free and Open Source Software: Motivating the Underrepresented

- 340 A Level Three GRBCC

- Gina Likins (Red Hat), Darci Burdge (Nassau Community College), Becka Morgan (Western Oregon University), Patricia Ordóñez (University of Puerto Rico, Río Piedras), Karen Alkoby (Gallaudet University)

★ Intermediate

SESSIONS DAY I: WEDNESDAY

10:30 a.m. - 12:30 p.m.

CAREER

WORKSHOP

Communicating for Impact and Influence (Register for Workshop OnSite)

- George Bush Grand Ballroom A Level Three GRBCC

- Denise Brosseau (Thought Leadership Lab)

★ All

CAREER

WORKSHOP

Build Your Brand as an Emerging Leader or Technical Expert (Register for Workshop OnSite)

- George Bush Grand Ballroom B Level Three GRBCC

- Jo Miller (Women's Leadership Coaching)

★ All

CAREER

WORKSHOP

Showcase Your Work: How to Give Your First Lightning Talk (Register for Workshop OnSite)

- George Bush Grand Ballroom C Level Three GRBCC

- Karen Catlin (Karen Catlin Consulting), Poornima Vijayashanker (Femgineer)

★ All

10:30 a.m. - 1:00 p.m.

CAREER

PRESENTATION / LIGHTNING TALK

Student Opportunity Lab

- Hall A3 Level Three GRBCC

★ All Students

Five Tips on Navigating Internship Landscape in Computer Science

- Dippy Aggarwal (University of Cincinnati)

Test Your Life! Provide Quality Assurance for Your Future Career

- Leteshia Lowe (IBM)

Choose Your Own Adventure: Navigating Your Career Path

- Sarah Jackett (Groupon), Reena Singhal Lee (Google)

How To Change The World Through Entrepreneurship

- Melinda Briana Epler (Change Catalyst)

How to Choose the Right Internship

- Helen Kuo (Box)

Finding the Internship for You

- Emily Leathers (Brigade)

Navigating Around Career Roadblocks - Experiences Over Four Decades

- Helen S. Raizen (EMC)

The Art of Networking

- Jackie Head (USAA)

You++ [on paper] Turn your resume into a golden ticket

- Courtney Phillips (Qualcomm)

The Dating Game: Knowing a Company is Right for You

- Theresa Cha (Taser International)

Mastering the Technical Interview

- Victoria Lai (Palantir Technologies)

Startups Vs. Mid/Large Companies - The Right Fit For You

- Ketaki Deo (LinkedIn)

Crushing Your First 3 Months in Tech

- Rose DeMaio (HubSpot)

Mentee/Mentor

- Maira Benjamin (Pandora)

Explore Your Options: Creating Your Best Career Path

- Anne Ryan (Palantir Technologies), Aubrey Blanche (Atlassian), Belinda Langner (Google)

How to Work in Silicon Valley (Without Actually Living There)

- Elizabeth A. Royalty (Buidling Robotics), Liz Kueper (IBM)

How to Prepare for your First Technical Interview

- Sukhdeep Sidhu (Box)

Fame, Fortune and Fun: Advancing your Career through Academic Competition

- Diane Staheli (MIT Lincoln Laboratory)

The Internship Decision: Finding the One For You

- Rachel Constable (Square), Veni

Johanna (Quora), Victoria Lai (Palantir Technologies)

Transitioning Into the Work World

- Lan Li (Microsoft), Heaven Chen (Salesforce.com)

Everything You Ever Need To Know About Internships

- Heaven Chen (Salesforce.com), Wenqing Dai (Salesforce.com)

CRA-W: How to Be Successful Post-Bachelor's?

- Kathleen Fisher (Tufts University)

CRA-W: Is Graduate School for You?

- Elodie Fourquet (Colgate University), Vidya Srinivasan (Microsoft)

CRA-W: Masters or Ph.D.?

- Patty Lopez (Intel)

CRA-W: How to Successfully Apply to Graduate School

- Tracy Camp (Colorado School)

CRA-W: What is Computing Research? How Can Undergraduates Participate

- Andrea Danyluk (Williams College)

SESSIONS DAY I: WEDNESDAY

10:30 a.m. - 5:00 p.m.

OPEN SOURCE

SPONSORED BY GITHUB, GOOGLE, JUNIPER NETWORKS AND REDHAT

Open Source Day: Code-a-thon for Humanity (By RSVP Only)

Open Source Day (OSD) provides participants an opportunity to learn Free and Open Source Software, regardless of skill level, by coding for humanitarian causes. You must RSVP in advance. #GHC15OSD

350 D, 350 E, 350 F, 360 A, 360 C Level Three GRBCC

Tony Surma (Microsoft Disaster Response), Rosario Robinson (Anita Borg Institute), Raymond Cheng (UProxy), Lucy He (UProxy), Salome Vakhtangadze (UProxy), Carol Willing (FabLabs; Python Software Foundation), Emma Irwin (Mozilla), Egle Sigler (OpenStack), Dana Bauer (OpenStack), Rachel Leventhal (Women's P2P), Pegi Patwardhan (Cloudera), Suzy Tonini (Cloudera)

11:30 a.m. - 12:00 p.m.

BREAKS

Morning Refreshments

12:00 p.m. - 1:00 p.m.

DATA SCIENCE

PRESENTATION / LIGHTNING TALK

Bioinformatics: Presentations

General Assembly Theatre C Level Three GRBCC

Identifying Genetic Variants in Human Genome Data With In-Memory Technology

Cindy Fährnich (Hasso Plattner Institute for Software Systems Engineering)
★ Advanced

Data Science Fights Ebola: Pre-Symptomatic Warning of Hemorrhagic Fever Infection

Lauren E. Edwards (MIT Lincoln Laboratory)
★ Intermediate

Itemset Mining for Risk Characterization in Environmental Health Epidemiology

Giulia Toti (University of Houston)
★ Intermediate

SECURITY/PRIVACY

PRESENTATION / LIGHTNING TALK

Security From The Boardroom: Presentations

352 D Level Three GRBCC

What to Protect When You Can't Protect Everything?

Kelly Kitsch (PwC)
★ Intermediate

Security and Privacy by Design: Moving From Concept to Implementation

Madhu Gupta (LinkedIn)
★ Beginner

Let the Games Begin (Cyber Security)

Linda Betz (Travelers)
★ Intermediate

SOFTWARE ENGINEERING

PRESENTATION / LIGHTNING TALK

Software Engineering: Presentations

362 A Level Three GRBCC

Architecting Your iOS App for the Apple Watch

Natasha Murashev (Capital One)
★ Advanced

"Write Once, Run Anywhere." The Mobile Developer Pipedream

Paola Castro (SurveyMonkey)
★ Beginner

Please PWN Me: Architecture for a Distributed Virtual Cyber Testbed

Sarah Chmielewski (MIT Lincoln Laboratory)
★ Intermediate

GFX

PRESENTATION / LIGHTNING TALK

GFX: Presentations

351 A Level Three GRBCC

Tiny Titan: Visualizing Parallel Computing with DIY Supercomputers and Games

Suzanne Parete-Koon (Oak Ridge National Laboratory)
★ Intermediate

Optimizing Molecular Visualization for Drug Discovery

Ellen Zhong (D. E. Shaw Research)
★ Intermediate

Proceduralization of Urban Models

Ilke Demir (Purdue University)
★ Intermediate

TRACK: HCI

PANEL

Design for All

361 A Level Three GRBCC

Robin N. Brewer (Northwestern University), Deana Brown (Georgia Institute of Technology), Shari Trewin (IBM), Shikoh Gitau-Nyagah (Africa Development Bank), Ramya Sethuraman (Facebook)
★ Beginner

SESSIONS DAY I: WEDNESDAY

12:00 p.m. - 1:00 p.m.

CAREER

WORKSHOP

CRA-W: Mid-Career/Senior Faculty Mentoring

342 A Level Three GRBCC

Nancy Amato (Texas A&M), Dilma Da Silva (Texas A&M)

CAREER

WORKSHOP

The Ideator: A Tool for Generating Exceptional Ideas

310 D Level Three GRBCC

Bernadette Johnson (MIT Lincoln Laboratory)
★ All

CAREER

PANEL

After the Grace Hopper Celebration: Building and Sustaining Community

320 A Level Three GRBCC

Arezo Miot (TechWomen), Rosario Robinson (Anita Borg Institute), Claudia Galvan (Anita Borg Institute), Alaa Fatayer (Jawwal)
★ All

CAREER

WORKSHOP

CRA-W Early Career: Advising/Supervising Students

322 A Level Three GRBCC

Lori Pollock (University of Delaware), Maria Gini (University of Minnesota)

CAREER

PRESENTATION / LIGHTNING TALK

Career: Presentations

General Assembly Theatre A Level Three GRBCC

From Engineer to Executive: The Path Forward

Sue Zwinger (Oracle)
★ Students and Early Career

Effectively Escalating Your Needs

Sabrina Farmer (Google)
★ All

Ask Two Powerful Questions and Give Yourself Permission to Lead

Trish Marszalek (American Express)
★ Students, Mid-Career and Early Career

CAREER

WORKSHOP

CRA-W Grad Students: Presentation and Other Verbal Communication Skills

332 A Level Three GRBCC

Kathryn McKinley (Microsoft Research), Susan Rodger (Duke University)

PRODUCTIZATION

PRESENTATION / LIGHTNING TALK

Product Strategy/Design: Lightning Talks

Lanier Grand Ballroom A Level Four Hilton Americas

Building a Big Data Optimizer: Research Paper to Shipping Product
Susan Mavris (Oracle)
★ Intermediate

Creating an Authentic Internal Intranet at Airbnb

Jessica Toy (Airbnb)
★ Intermediate

From Lean Experiments to Successful Productization!

Rekha Joshi (Intuit)
★ Intermediate

Out of the Shadows: Corraling and Securing End User Development

Sandy L. Sweeney (Freddie Mac)
★ Intermediate

Falling From Cloud Nine: Is the Love Affair too Expensive?

Amelia Hough-Ross (Companion Data Services)
★ Intermediate

INTERNET OF THINGS/
EMERGING TECH

WORKSHOP

Inspiring Women to Join the Maker Community through Hackathon Participation

General Assembly Theatre B Level Three GRBCC

Grace Metri (Intel)
★ Beginner

ORGANIZATIONAL
TRANSFORMATION

PANEL

Diversify Your Hiring Pipeline: A How-To Guide

Lanier Grand Ballroom C Level Four Hilton Americas

Karen Catlin (Karen Catlin Consulting), Joelle Emerson (Paradigm), Michelle McHargue (Cowboy Ventures), Caroline Simard (Clayman Institute for Gender Studies, Stanford University), Kieran Snyder (Textio)
★ All

OPEN SOURCE

WORKSHOP

FOSS, Let's Get YOU Started!

370 A Level Three GRBCC

Bushra Anjum (Amazon), Pavithra Ramaswamy (Cisco)
★ Beginner

OPEN SOURCE

BOF

Incorporating Humanitarian Free and Open Source Software in CS Classrooms

340 A Level Three GRBCC

Gregory Hislop (Drexel University), Becka Morgan (Western Oregon University), Lori Postner (Nassau Community College), S. Monisha Pulimood (The College of New Jersey), Samuel A. Reblsky (Grinnell College)
★ Beginner

SESSIONS DAY I: WEDNESDAY

1:00 p.m. - 2:15 p.m.

Lunch is available for purchase at the convention center.

LUNCHES AND RECEPTIONS

GHC Scholars Lunch (By Invitation Only)

📍 Ballroom of the Americas A-C Level Two Hilton Americas

1:00 p.m. - 3:00 p.m.

SPECIAL SESSIONS

Empowering Workers Using Machine Intelligence (Tech Node)

📍 371 D – F Level Three GRBCC

👤 Mary Hamilton (Accenture Technology Labs)

1:15 p.m. - 3:15 p.m.

CAREER

WORKSHOP

Communicating for Impact and Influence (Register for Workshop OnSite)

📍 George Bush Grand Ballroom A Level Three GRBCC

👤 Denise Brosseau (Thought Leadership Lab)

★ All

CAREER

WORKSHOP

Build Your Brand as an Emerging Leader or Technical Expert (Register for Workshop OnSite)

📍 George Bush Grand Ballroom B Level Three GRBCC

👤 Jo Miller (Women's Leadership Coaching)

★ All

CAREER

WORKSHOP

Showcase Your Work: How to Give Your First Lightning Talk (Register for Workshop OnSite)

📍 George Bush Grand Ballroom C Level Three GRBCC

👤 Karen Catlin (Karen Catlin Consulting), Poornima Vijayashanker (Femgineer)

★ All

2:15 p.m. - 3:15 p.m.

HCI

WORKSHOP

Making Makers to Make Makers

📍 342 A Level Three GRBCC

👤 Leyla Norooz (University of Maryland, College Park), Kim Oakes (Indiana University, Bloomington)

★ Intermediate

SOFTWARE ENGINEERING

PANEL

Delightful Mobile Experiences: Behind the Scenes of Essential Apps

📍 362 A Level Three GRBCC

👤 Wendy Lu (Pinterest), Ayaka Nonaka

(Venmo), Jenny Yuen (Facebook), Kasia Hayden (Strava), Kat Busch (Dropbox)

★ Intermediate

GFX

BOF

Ethics and Morality in Virtual and Augmented Reality

📍 351 A Level Three GRBCC

👤 Olivia R. Erickson (Microsoft), Katherine V. Harris (Microsoft)

★ Beginner

SECURITY/PRIVACY

PRESENTATION / LIGHTNING TALK

Cloud Security: Presentations

📍 361 A Level Three GRBCC

Security in Cloud Based Integration Solutions

👤 Sindhu Gangadharan (SAP)

★ Beginner

Journey to the Cloud

👤 Katharine Krieger (Goldman Sachs)

★ Intermediate

Cloud Security From the Inside

👤 Brian Chess (NetSuite)

★ Beginner

An Overview of DDoS Impact on Cloud Performance

👤 Yasmine Kandissounon (Rackspace)

★ Intermediate

SESSIONS DAY I: WEDNESDAY

2:15 p.m. - 3:15 p.m.

CAREER

PANEL

Accessing Global Seed Funding: Supporting International Innovators

📍 352 D Level Three GRBCC

👤 Robin Patin (Anita Borg Institute), Jody Mahoney (Anita Borg Institute), Rosario Robinson (Anita Borg Institute), Beth Garriott (WeTech Program), Hanan Youssef (OTVentures)

★ All

CAREER

BOF

Crucial Conversations in Your Career

📍 320 A Level Three GRBCC

Crucial Conversations in Your Career

👤 Wei Wu (Yelp), Susanne Lehmann (Yelp), Jennifer Wang (Yelp)

★ Students and Early Career

CAREER

WORKSHOP

CRA-W Grad Student Workshop: Finding a Research Topic

📍 322 A Level Three GRBCC

👤 Mary Lou Soffa (University of Virginia), Valerie Taylor (Texas A&M)

CAREER

WORKSHOP

CRA-W Early Career: Effective Leadership

📍 332 A Level Three GRBCC

👤 Carla Brodley (Northeastern University), Kathleen Fisher (Tufts University)

CAREER

PANEL

Protecting Yourself from Workplace Mistreatment

📍 General Assembly Theatre A Level Three GRBCC

👤 Ellen Spertus (Mills College),

Dominique DeGuzman (Twilio), Brook Shelley (Puppet Labs), Elissa Shevinsky (JeKuDo)

★ All

CAREER

WORKSHOP

CRA-W: What's Next? Career Success Post-Tenure

📍 332 C Level Three GRBCC

👤 Fran Berman (Rensselaer Polytechnic Institute), Jan Cuny (National Science Foundation)

PRODUCTIZATION

PRESENTATION / LIGHTNING TALK

Testing: Presentations

📍 Lanier Grand Ballroom A Level Four Hilton Americas

Driving Reliability at Scale @Twitter

👤 Elif Dede (Twitter)

★ Intermediate

Presentation: The Art of the Beta Program

👤 Jessica Fain (Box)

★ Intermediate

Quality Inside Out: Best Kept Secrets of Agile Teams

👤 Navid Rezvani (CA Technologies)

★ Intermediate

INTERNET OF THINGS/ EMERGING TECH

PRESENTATION / LIGHTNING TALK

IoT and Emerging Tech: Lightning Talks

📍 General Assembly Theatre B Level Three GRBCC

Timely Collaboration Through Smart Wearables in Express Logistics

👤 Danqing Cai (SAP, Asia)

★ Intermediate

The Internet Security Risk of Things

👤 Candace Worley (Intel Security Group)

★ Intermediate

Supercharging the IoT with Satellites

👤 Becca Dewey (Spire Global)

★ Intermediate

Fog Computing Using Software Containers for IoT Real-Time Data Processing

👤 Laxmi Mukund (Cisco)

★ Intermediate

Achieving Trip Aim with Beacons

👤 Emily Chu-Ying Tsai (PwC)

★ Intermediate

ORGANIZATIONAL TRANSFORMATION

PANEL

Code Schools and Fostering More Inclusive Workplace Communities

📍 Lanier Grand Ballroom C Level Four Hilton Americas

👤 Theo Skolnik (ThoughtWorks), Lindsay Verstegen (Braintree), Celeen Rusk (GiveForward), Molly Jones (Sprout Social), Jeff Casimir (Turing School of Software & Design)

★ All

OPEN SOURCE

BOF

Self-Hosting Your Web Presence and Everything Else

📍 340 A Level Three GRBCC

👤 Jade Wang (Sandstorm Development Group)

★ Intermediate

OPEN SOURCE

WORKSHOP

Open Source as Context to Cultivating Technical and Social Skills

📍 310 D Level Three GRBCC

👤 Dima Kassab (State University of New York, Albany), Catherine Dumas (State University of New York, Albany), Jennifer Goodall (State University of New York, Albany), Luis Ibanez (Google)

★ Beginner

SESSIONS DAY I: WEDNESDAY

3:15 p.m. - 3:45 p.m.

BREAKS

Afternoon Refreshments

3:45 p.m. - 5:15 p.m.

GENERAL SESSIONS

TYPE: PRESENTATION / LIGHTNING TALK

Wednesday Afternoon Plenary

Clara Shih, Blake Irving and Megan Smith will discuss changing the culture of tech through transformation at the individual, company and industry level. A Q&A will follow their individual presentations.

📍 Halls D-E Level One GRBCC

👤 Clara Shih (CEO and founder of Hearsay Social), Blake Irving (CEO and Board Director of GoDaddy) and Megan Smith (Chief Technology Officer, United States of America)

5:15 p.m. - 5:30 p.m.

BREAKS

Break

5:30 p.m. - 10:00 p.m.

GENERAL SESSIONS

Career and Community Fair

📍 Halls A-C Level One GRBCC

6:30 p.m. - 9:00 p.m.

POSTERS

General Poster Session

Students formally present their posters to experts and conference attendees. Some students will participate in the ACM research competition. Come see what the next generation of technological innovators is dreaming up!

📍 Halls A-C Level One GRBCC

Efficient Ancestry, Paternity, Genomic-Compatibility Testings in Server-Aided Secure Two-Party Function-Evaluation

👤 Fattaneh Bayatbabolghani (University of Notre Dame)

Adaptive Buffer Resizing for Efficient Streaming Data Anonymization

👤 Aderonke Sakpere (University of Cape Town)

Possible Solution Approach for Safe Social Networking: Perspective of Bangladesh

👤 Farzana Ahmed Siddique (Bangladesh University of Engineering and Technology)

Investigation of Gait Characteristics for Glaucoma via Wearable Sensing System

👤 Yuchao Ma (Washington State University)

Protecting Genomic Privacy in Medical Tests Using Distributed Storage

👤 Maitraye Das (Bangladesh University of Engineering and Technology)

Roadside Caching Assistance for Vehicle-Based Information Services

👤 Sherin Abdelhamid (School of Computing - Queen's University)

"Am I Your Sibling?" Inferring Kinship Cues from Facial Images

👤 Sherin Mathews (University of Delaware)

Robust Cooperative Sensing Against Insistent Spectrum Sensing Data Falsification Attacks

👤 Aida Vosoughi (Rice University)

Applying Supervised Machine Learning-Based Models to Recruiting Processes

👤 Li Zhao (Pomona College)

Reeb Graph-Based Validation of Statistical Models for Spread of AIDS

👤 Akanksha Atrey (State University of New York, Albany)

Exploring the Effects of Customizable Virtual Teacher on ASD

👤 Bushra Tasnim Zahed (University of Texas, San Antonio)

SESSIONS DAY I: WEDNESDAY

6:30 p.m. - 9:00 p.m.

Multi-granular Aggregation of Network Flows for Security Analysis

👤 Tao Ding (University of Maryland, Baltimore County)

Global Pattern Search at Scale: Visual Analytics for Geospatial Intelligence

👤 Maja Milosavljevic (MIT Lincoln Laboratory)

A Framework for Secure Vehicular Communications

👤 Avleen Malhi (Thapar University)

Visualizing and Clustering Multivariate Temporal Interval Series

👤 Moloud Shahbazi (University of California, Riverside)

The Contagion of Cheating Behavior in Online Gaming Social Networks

👤 Xiang Zuo (University of South Florida)

Key Frame Extraction for Object Detection

👤 Ashwini Tonge (University Of North Texas)

Disaster Response Through Unmanned Aerial Vehicles

👤 Kathleen Swain (USAA)

Lessons for Creating and Sustaining a CS Pipeline

👤 Natasha Nesiba (New Mexico State University)

Increasing Student Interest in Computer Science

👤 Anastasia Kolovani (Drew University)

The Human Supercomputer

👤 Suzanne Parete-Koon (Oak Ridge National Laboratory)

Solution for Lack of Continuous High Resolution Remotely Sensed Data

👤 Sherin Ghannam (Virginia Polytechnic Institute and State University)

Blind Beam Steering: mm-Wave Beam Steering Without In-Band Measurement

👤 Adriana Flores Miranda (Rice University)

Sensing and Classifying Roadway Obstacles: The Street Bump System

👤 Theodora Brisimi (Boston University)

Robot Reaching Controller Inspired by Infant Development

👤 Zahra Mahoor (University of Tennessee, Knoxville)

Consumers' Response to Privacy Policies of SNS and Financial Institutions

👤 Shaikha Alduaij (University of Maryland, Baltimore County)

Command Line Pipeline for Machine Learning Problems

👤 Siddha Ganju (National Institute of Technology, Hamirpur)

Dialogue Focus Tracking for Zero Pronoun Resolution

👤 Sudha Rao (University of Maryland, College Park)

Characterization of Consistent Digital Line Segments

👤 Iffat Sharmin Chowdhury (University of Texas, San Antonio)

Translating Videos to Natural Language Using Deep Recurrent Neural Networks

👤 Subhashini Venugopalan (University of Texas, Austin)

Deliberate Coaching: Encouraging Programming Skill Increase for Women

👤 Louise Ann Lyon (ETR)

Intelligent Intrusion Detection System in Cloud

👤 Arkaprava Praharaj (University of Florida)

Exploiting Reviews to Generate Recommendations and Corresponding Explanations

👤 Nevena Dragovic (Boise State University)

Applying Latency to a Self-Avatar to Change Real Walking Patterns

👤 Gayani Samaraweera (University of Texas, San Antonio)

Designing a Platform for the Coreading of School eTextbooks

👤 Sinini Paul Ncube (University of Cape Town)

Using Internet Activity Profiling for Insider-Threat Detection

👤 Bushra A. Alahmadi (University of Oxford)

Topic Models to Understand User Engagement on Twitter

👤 Aastha Nigam (University of Notre Dame)

Computerized Pregnancy Educational Toolkits for Adolescent Girls

👤 Alexandrina Catherine Nakayenga (Makerere University)

Improving Application Performance Through Affordable Load Balancing

👤 Olga Pearce (Lawrence Livermore National Laboratory)

Offloading Code Efficiently on Mobile Cloud

👤 Samia Tasnim (Florida International University)

Lexos: Hierarchical Clustering Analysis of Modern Chinese Texts

👤 Qi Zhang (Wheaton College)

Improving Efficiency in Data Centers

👤 Amanda Bonnie (Los Alamos National Laboratory)

Computational Design of Three-Dimensional Protein Arrays

👤 Una Nattermann (University of Washington)

Evaluating Robustness of Perturbed Artificial Neural Networks for Pattern Recognition

👤 Jennifer Hammelman (Tufts University)

SESSIONS DAY I: WEDNESDAY

6:30 p.m. - 9:00 p.m.

Synthetic Click-Through-Rate: A Novel Approach to Measure Search User Engagement

👤 Nina Gholami (Quixey)

Personalized Job Matching

👤 Ayesha Malika Khan (Piedmont Virginia Community College)

Maestoso: Intelligent Sketch Recognition Interface for Learning Music Theory

👤 Laura Barreto (Vassar College)

Forcing Out Females: Enrollment Pressures and Undergraduate Women in CS

👤 Christina Tong (Pomona College)

Hierarchical Multi-Formalism Proofs of Cyber-Physical Systems

👤 Elaheh Ghassabani (University of Minnesota)

Increasing Female Involvement and Achievement in STEM

👤 Amy M. Shick (University of Richmond)

Drug Re-positioning: A Computational Biology Approach

👤 Madhura M. Kshirsagar (Indiana University - Purdue University Indianapolis)

Visual Analytics for Medical Imaging: Focusing on the Spleen

👤 Ievgeniia Gutenko (Stony Brook University)

Energy Labels for Android Mobile Applications

👤 Reyhaneh Jabbarvand Behrouz (University of California, Irvine)

High-Performance Computing (HPC) Simulations for Shale Formations

👤 Charlotte Barbier (Oak Ridge National Laboratory)

The Power of Positivity: Correlation Between Attitude and Performance

👤 Michelle L. Olynyk (Wellesley College)

Ensuring No Requirement is Left Behind

👤 Diana J. Raz (Raytheon)

Optimal Design for Symbiotic Wearable Wireless Sensors

👤 Priyanka V. Bagade (Arizona State University, Tempe)

Membrane Protein Prediction And Design Principles Using Rosetta

👤 Diane Nguyen (University of California, Davis)

A Novel Approach to Spellchecking

👤 Foghor Tanshi (Federal University of Petroleum Resources)

2iceLearn: Improved Interactive Collaborative and Effective eLearning in MOOCs to Meet Challenges in the 21st Century

👤 Dilrukshi Gamage (University of Moratuwa)

Sparse Representations in Hierarchical Temporal Memory

👤 Mackenzie Leake (Stanford University)

Automated Testing for RBAC Policies

👤 Poonam Gupta (Intel)

Does Digital Color Environment Affect Memory Performance?

👤 Adriana Alvarado Garcia (Indiana University - Purdue University Indianapolis)

Data Perturbation via Randomized Normalization for Privacy Protection

👤 Reihaneh Amini (Wright State University)

Designing with Youth Docents: A Sociotechnological Approach to Traditional Participatory Design Methodsmethods

👤 Priscilla Fernanda Jimenez Pazmino (University of Illinois, Chicago)

Whisper-Don't-Shout: Twitter Thread Differences Found on Topics Relating to Violence/Violence Against Women

👤 Kathy P. Macropol (Arcadia University)

Representing Confidence in Assurance Cases Using Subjective Logic

👤 Lian Duan (University of Minnesota)

Home Security System by Eigenfaces Algorithm and Multimodal Biometric System

👤 Sejuti Banik (Bangladesh University of Engineering and Technology)

Distributed Agent Based Simulator for Building Evacuation in Emergency Situation

👤 Kamilia Ahmadi (Utah State University)

Roboplush: Communicative Robot

👤 Rebecca Young (Columbia College Chicago)

Using Jenkins to Monitor Application Performance on Supercomputers

👤 Verónica G. Vergara Larrea (Oak Ridge National Laboratory)

The Emerging Role of Self-Perception in Student Intention

👤 Isabel H. Kishi (University of Arizona)

Antimicrobial Peptide Interactions With Bacterial Membranes

👤 Alexis N. Peña (Syracuse University)

Identifying the Breaking Point: Phase Shift Behavior in Classifying Graphs

👤 Rajmonda Caceres (MIT Lincoln Laboratory)

JSON in the Big O

👤 Ana María Cárdenas Gasca (Universidad de Los Andes)

Energy-Based Lifetime Maximization of Wireless Sensor Networks With Non-Ideal-Battery Models

👤 Sepideh Pourazarm (Boston University)

Project Eye-Helper -- An Assistive Technology for Blind Grocery Shoppers

👤 Emily Qi Wang (Olin College of Engineering)

SESSIONS DAY I: WEDNESDAY

6:30 p.m. - 9:00 p.m.

Engaging Females in CS: Socio-cultural Motivations for Kenyan High Schoolers

👤 Brianna J. Tomlinson (Georgia Institute of Technology)

Prevent Cybercrime Against Women Through Hybrid Cloud Security System

👤 Asma Swapna Islam (Mawlana Bhashani Science and Technology University)

Determining the Adequacy of Formalized Requirements and Test Suites.

👤 Anitha Murugesan (University of Minnesota)

Towards an Insider Threat Detection Framework Using Honey Permissions

👤 Parisa Kaghazgaran (University of North Texas)

MicroTS: Tissue-Specific MicroRNA Target Prediction with Application to Breast Cancer

👤 Hanaa Torkey (Virginia Polytechnic Institute and State University)

An Empirical Analysis of Stop-and-Frisk in New York City

👤 Khanna Pugach (Baruch College)

Implantable Silicon/Cell Hybrid Biochips for Continuous Surveillance of Health Status

👤 Maeve E. Lawniczak (University of Tennessee, Knoxville)

Distribution Network Electricity Market Clearing: PMP Algorithms with Minimal Coordination

👤 Elli Ntakou (Boston University)

The Impact of Computing Outreach Activities on Choices of Majors

👤 Adrienne Decker (Rochester Institute of Technology)

Intuitive Interface for Rule Visualization and Generation

👤 Alma Castillo Antolin (Chalmers University of Technology)

The TagAdvisor: Luring the Lurkers to Review Web Items

👤 Azade Nazi (University of Texas, Arlington)

A Weakly Supervised Framework for Data Stream Filtering and Summarization

👤 Cailing Dong (University of Maryland, Baltimore County)

Computational Modelling of Protein's Functional Diversity

👤 Ishita Kamal Khan (Purdue University)

Enhanced Online Learning Experience for a Traditionally Taught CS1 Course

👤 Cynthia Lester (Georgia Perimeter College)

Drive Safe Save Lives, Neurological Approach Towards Sensing Driving Behavior

👤 Garima Bajwa (University of North Texas)

GenePedia

👤 Joan Kirunga (Makerere University)

Studies of Current Usability and User Experience Situations in Bioinformatics

👤 Dan Wang (Purdue University)

A GPU Implementation for Massive MIMO Uplink Systems

👤 Qi Wang (Google)

SPARQL Query Optimization Using Cardinality Estimates

👤 Victoria Wu (University of Missouri, Kansas City)

Efficient Cloud-Based Data Reliability Solution for WBANs

👤 Anagha Jamthe (University of Cincinnati)

Enhancing EDA Education Through Gamification

👤 Emily A. Marasco (University of Calgary)

Computational Design of Novel Protein Therapeutics

👤 Franziska Seeger (University of Washington)

Tracking the Pulse of the Economy From Big Data

👤 Huina Mao (Oak Ridge National Laboratory)

Smart Phone Monitoring of Second Heart Sound Split

👤 Shanti Thiyagaraja (University of North Texas)

Authentication of k Nearest Neighbor Queries in the Obstructed Space

👤 Jibon Naher Boishakhi (Bangladesh University of Engineering and Technology)

TREC: The Power of Benchmark Tasks

👤 Ellen M. Voorhees (National Institute of Standards and Technology)

Argonaut: A Framework for Crowdsourcing Complex Tasks

👤 Lydia Gu (GoDaddy)

Data-driven Marketing

👤 Shradha Ambekar (Intuit)

Mapping Conditions for Forced Migration

👤 Irina N. Abramova (Lawrence Livermore National Laboratory)

POSTERS

ACM Student Research Competition

📍 Halls A-C Level One GRBCC

Visualization Techniques for Neuroscience-Inspired Dynamic Architectures

👤 Margaret G. Drouhard (University of Washington, Seattle)

Eyes-Free Mobile Browsing With Voice-Controlled Aural Flows While Driving

👤 Romisa Rohani Ghahari (Indiana University - Purdue University Indianapolis)

SESSIONS DAY I: WEDNESDAY

6:30 p.m. - 9:00 p.m.

Itemset Mining for Risk Characterization in Environmental Health Epidemiology
👤 Giulia Toti (University of Houston)

Can Neighborhood Overlap Be Used to Characterize Co-authorships' Strength?

👤 Michele A. Brandão (Universidade Federal de Minas Gerais)

Endgame Studies in Quantized Chess
👤 Lisa M. Jones (United States Military Academy at West Point)

Home Servers Can Save Energy for IoT Applications
👤 Fatemeh Jalali (University of Melbourne)

Inconsistencies in Hybrid Knowledge Bases
👤 Daria Stepanova (Vienna University of Technology)

Discovering Hosts Behind a Load Balancer
👤 Maimuna Lubega (University of Wisconsin-Madison)

Performance Study of Wireless Body Area Network
👤 Suryadip Chakraborty (University of Cincinnati)

Kolmogorov Complexity Kernels in Bioinformatics
👤 Irish Medina (University of Waterloo)

Depth Motion Coding Exploiting Spatial, Intercomponent Correlation Between Motion Vectors
👤 Shampa Shahriyar (Monash University)

Leveraging Resource-Naming Conventions to Generate Persistent-State-Aware Web Application Test Suites
👤 Johanna M. Goergen (Washington and Lee University)

Applying Social Network Analysis to Security
👤 Elizabeth F. H. Phillips (University of Oxford)

Exploiting Redundancy for Efficient Cache Operation at Near-Threshold Voltages
👤 Alexandra Ferreron (Universidad de Zaragoza)

What Factors Dictate Preservation of a Ligand's Bound Pose?
👤 Shipra Malhotra (University of Kansas)

Intracranial Pressure Crises: Predicting 30 Minutes Out
👤 Risa B. Myers (Rice University)

Energy-efficiency, Cache-adaptivity and Bandwidth Benefits of Recursive Dynamic Programming
👤 Jesmin Jahan Tithi (Stony Brook University)

Trustworthy Attestation of Untrusted Sensors
👤 Junia Valente (University of Texas, Dallas)

Reference-guided Assembly of Metagenomic Sequences
👤 Victoria Cepeda (University of Maryland, College Park)

Research Contribution Across Communities as an Influence Indicator
👤 Lais M. A. Rocha (Federal University of Minas Gerais)

Experimental Computer Graphics Microfacet Theory Validation
👤 Jamie R. Lesser (Williams College)

WaveCluster with Differential Privacy
👤 Ling Chen (North Carolina State University)

Applying Context with Structure Encoding to Model-Free Tracking
👤 Tanushri Chakravorty (Polytechnique Montreal)

Learning Based Co-clustering Algorithm for an Improved Predictive Modeling
👤 Chandrima Sarkar (University of Minnesota, Twin Cities)

CrowdCheer: Situational Crowdsourcing of Motivation for Runners
👤 Leesha Maliakal (Northwestern University)

Deep Tracking: Biologically Inspired Tracking With Deep Convolutional Networks
👤 Meera S. Hahn (University of Central Florida)

POSTERS

CRA-W DREU Posters

📍 Halls A-C Level One GRBCC
An Improved Algorithm for a Relaxed Queue
👤 Alyssa Byrnes (Tulane University)
Identifying Patterns of Conformity on a Social Network for Children
👤 Katya Borgos (University of Puerto Rico)

Engaging in Identity Exploration and Retaining Participation on an Online Social Network for Children
👤 Angelica Leyva-McMurtry (Mills College)

Using Synthesized Speech to Improve Speech Recognition for Low-Resource Languages
👤 Luise Rygaard (University of California, Berkeley)

Automatic Voice Activity Detection in the Multilingual UTEP-ICT Cross-Cultural Multi-party Multi-modal Dialog Corpus
👤 Katherine Sittig-Boyd (Simmons College)

SESSIONS DAY I: WEDNESDAY

6:30 p.m. - 9:00 p.m.

BrainTrack: Concussion Monitoring and Recovery
👤 Jennifer Tran (University of California, San Diego)

Computer Graphics for Connecting Facial Motion to Emotional Intent
👤 Rochelle Widmer (Gustavus Adolphus College)

Modeling Problem Solving Approaches in Collaborative Programming
👤 Raquel Lawrence (Georgia Gwinnett College)

TTS and Data Selection: Improving Systems for Low-Resource Languages
👤 Yocheved Levitan (Brooklyn College)

Exploring Visuo-Haptic Illusions Using Virtual/Augmented Reality
👤 Mary Moore (Rhodes College)

POSTERS

CRA-W CREU Posters

#CRAWOMEN

📍 Halls A-C Level One GRBCC

Sentiment Analysis of Android Applications and Application Developers
👤 Theresa A. Guinard (New Mexico Institute of Mining and Technology)

Avian Transcriptomics: Computational Tools for Biological Problems
👤 Emma K. Highland (Loyola University Chicago)

Prosody and Communicative Context: the Impact of Pitch Accents
👤 Katherine Sittig-Boyd (Simmons College)

Selection in 3D Graphics Environments
👤 Christine Albert (Villanova University)

An Empirical Evaluation of Approximation Algorithms for Two Graph Problems
👤 Christine Harbour (Southwestern University)

RECEPTIONS

Latina Women in Computing

Reception #ABIMEETUP

📍 Ballroom of the Americas A Level Two Hilton Americas

RECEPTIONS

Arab Women in Computing

Reception #ABIMEETUP

📍 339 AB Level Three Hilton Americas

RECEPTIONS

Black Women in Computing

Reception #ABIMEETUP

📍 Ballroom of the Americas B Level Two Hilton Americas



THURSDAY, OCTOBER 15



SESSION HIGHLIGHTS DAY 2: THURSDAY

Today's tracks are designed to help you make the most of the world's largest conference for women in technology, with sessions covering technical topics, career topics as well as opportunities to connect and network with your fellow GHC attendees.

GET INSPIRED

8:30 a.m. – 10:00 a.m.

Day two of GHC begins with a keynote from YouTube CEO **Susan Wojcicki**, followed by an on-stage conversation between Susan and publisher and journalist **Moira Forbes** about the Business of Tech.

Also, please join us in celebrating **María Celeste Medina** and **Mai Abualkas Temraz**, winners of the Change Agents ABIE Awards, as well as **Michal Segalov** and **Daniela Rajiman**, winners of the Social Impact ABIE Award.

Many Sessions

Be sure to check out the sessions within the **Community Track**, developed by members of the ABI Systems community. Sessions will explore how to introduce technology to girls and women of all ages, women tech leaders in government and leading global impact through open source.

GAIN EXPERTISE

1:00 p.m. – 2:30 p.m.

Many important discussions are often sparked in casual settings, particularly lunchtime conversations. Join a **Lunchtime Table Topics** session to discuss a subject and share your ideas, experiences and interests.

GET CONNECTED

Many Sessions

Want more time to connect with like-minded peers, mentors and future employers? Check out **Speed Mentoring** and the **Community Fair**, a dedicated hub where all attendees can interact with our GHC communities, alliance partners and nonprofits.

To accommodate the expanded programming that we're offering at GHC 2015, we are introducing Clusters. Clusters may contain multiple tracks that cover similar topics. Sessions within a Cluster are located near each other to make it easier for you to get to the sessions you are interested in. Look out for signs that will help you find Clusters.

CAREER

CAREER
COMMUNITY
FACULTY

EMERGING TECH/BEST OF

BEST OF
INTERNET OF THINGS/
EMERGING TECH

GENERAL SESSIONS

BREAKS
GENERAL SESSIONS
LUNCHES
POSTERS
SPECIAL SESSIONS

OPEN SOURCE

OPEN SOURCE

ORGANIZATIONAL TRANSFORMATION

ORGANIZATIONAL
TRANSFORMATION

PRODUCTIZATION

PRODUCTIZATION

TECHNOLOGY

ARTIFICIAL INTELLIGENCE
DATA SCIENCE
GFX
HCI
SECURITY/PRIVACY
SOFTWARE ENGINEERING

SPEAKERS AND HONOREES DAY 2: THURSDAY

8:30 a.m. – 10:00 a.m.

Halls D-E Level One GRBCC

Susan Wojcicki

CEO of YouTube | KEYNOTE

Susan Wojcicki has called herself “the mom of Google” — in fact, the Internet giant was born in her garage which she rented out to recent graduates Sergey Brin and Larry Page.

Susan joined Google in 1999 as Google’s first marketing manager and led the initial development of several key consumer products including Google Images and Google Books. In 2002, Susan began working on Google’s advertising products and over the next 12 years she led teams that helped define the vision and direction of Google’s monetization platforms. She went on to become Senior Vice President of Advertising and Commerce, where she helped to build and grow key advertising products like AdWords, AdSense, DoubleClick and Google Analytics.

Today, Susan heads up YouTube, where she oversees content and business operations, engineering and product development.

Susan graduated with honors from Harvard University, holds a master’s in economics from UC Santa Cruz, and an MBA from UCLA. In 2015, Susan was named to Time’s list of the 100 most influential people in the world.



Moira Forbes

Publisher & Journalist, Forbes Media

Moira Forbes is the President and Publisher of *ForbesWoman*, a multi-media platform dedicated to successful women in business and leadership. She is also the Executive Vice President of Forbes Media where she is responsible for programming and branding Forbes events worldwide and driving new business initiatives across the company’s diverse media platforms. She is currently the host of Success with Moira Forbes, a video series on the Forbes Video Network featuring candid, one-on-one interviews with today’s top women leaders.

Moira joined Forbes Media in 2001 in its London office, overseeing research and marketing for the Forbes’ European edition, in addition to developing business opportunities on behalf of all the company divisions. She came to the New York office and was named Associate Publisher of Forbes’ dedicated lifestyle magazine, *ForbesLife*, in February of 2004, and President and Publisher, *ForbesWoman*, in 2008. In 2010, Moira founded the Forbes Executive Women’s Board, an organization dedicated to harnessing the collective power of women in business to drive sustainable change. In 2013, Moira hosted the first Forbes Women’s Summit in New York City. Moira was also named Forbes Media’s Executive Vice President in 2014.

Moira graduated cum laude with a B.A. in Art History from Princeton University, and is a graduate of the Harvard Business School program for Leadership Development.



SPEAKERS AND HONOREES DAY 2: THURSDAY

8:30 a.m. – 10:00 a.m.

Halls D-E Level One GRBCC

María Celeste Medina

2015 Winner of the Grace Hopper Celebration Change Agent ABIE Award | ABIE AWARD WINNER

AWARD SPONSORED BY GOOGLE

María Celeste Medina is the co-founder of Ada IT, a software development and software testing startup based in Buenos Aires, Argentina, focused on generating job opportunities for women. María Celeste is also a Technical Advisor and Code Clubs Coordinator in “Programá Tu Futuro”, a coding initiative launched by the Buenos Aires City Government Coding Initiative.



In just one year, she has worked with the Programá Tu Futuro team and has initiated more than 6,000 people in coding: kids, adults, teenagers and senior citizens (of which 30 percent are women). María Celeste has spoken on national TV about the importance of having more women in technology in Argentina.

She has also communicated this need to the Buenos Aires City mayor as well as in popular newspapers and in talks with young girls. Through Ada IT and Girls in Tech, María has hosted several women in technology events, which have drawn hundreds of women entrepreneurs, university faculty members and city government managers.

#ABIEWINNER

Mai Abualkas Temraz

2015 Winner of the Grace Hopper Celebration Change Agent ABIE Award | ABIE AWARD WINNER

AWARD SPONSORED BY GOOGLE

Mai Abualkas Temraz is the Mentorship & Women’s Inclusivity Program Coordinator at Gaza Sky Geeks (GSG), Gaza’s first startup accelerator and co-working hub. Mai’s interest in entrepreneurship began through her interest in science, technology, engineering and math (STEM) fields. She is the first Palestinian female licensed amateur radio operator. In 2013, she founded the Amateur Club, a training center and maker space that engages young minds in learning STEM. In 2014, she became a TechWomen Emerging Leader, and in 2015, she was awarded the best entry level STEM Executive at the Women in STEM conference in Dubai. Mai is a Global Tech Leader representing Palestine, and a member of the Arab Women in Computing (ArabWIC) Mentorship Committee. She holds a B.S. in Communications Engineering from the Islamic University, the top university in Gaza.

#ABIEWINNER



SPEAKERS AND HONOREES DAY 2: THURSDAY

8:30 a.m. – 10:00 a.m.

Halls D-E Level One GRBCC

Michal Segalov

2015 Winner of the Grace Hopper Social Impact ABIE Award | **ABIE AWARD WINNER**

AWARD SPONSORED BY RMS

Michal joined Google in 2007 and is a software engineer and manager, leading groups of engineers on the Google Play team focusing on apps and games discovery, Play Store consumer features, and game APIs for developers.

Previously, Michal led teams working on Google's Technical Infrastructure, building monitoring and optimization systems for Google's backbone network. She also worked on several of Google's Search and YouTube products.

Michal co-initiated Mind The Gap, a program aimed at encouraging high school girls to select computer science and math as their high-school major. The program expanded globally and is now in its eighth year, with more than 10,000 participants to date.

Michal holds a B.A. in computer science from the Technion, and a M.S. in computer science from Tel Aviv University. She recently moved from Tel Aviv to California, where she lives with her husband and son.

#ABIEWINNER



Daniela Rajjman

2015 Winner of the Grace Hopper Social Impact ABIE Award | **ABIE AWARD WINNER**

AWARD SPONSORED BY RMS

Daniela Rajjman Aharonov joined Google in 2007 as the first female engineer at Google's R&D center in Tel Aviv, Israel. Initially, she worked on YouTube products, and later joined the Technical Infrastructure organization working on software used to power and monitor Google's network. After returning from her first maternity leave in 2011, she became a manager and today leads a team of a dozen engineers. Her teams, based in Tel Aviv, work on initiatives for transferring large-scale data across Google's network, including Google Compute Engine networks.

Daniela has been active on several Google initiatives for women in CS - She co-founded Mind The Gap in 2008 and is still an active member of the team, served as a reviewer for The Google Anita Borg Memorial Scholarship in 2008-2009, and today serves as regional co-lead in Europe, the Middle East & Africa for Women@, Google's global women's organization.

She holds a B.S. in Computer Science and Biology and M.S. in Computer Science from Tel Aviv University. She lives in Kiryat Ono, Israel with her husband and two toddler boys.

#ABIEWINNER

SPEAKERS AND HONOREES DAY 2: THURSDAY

10:30 a.m. – 11:30 a.m.

George Bush Grand Ballrooms A-C Level Three GRBCC



Brianna Wu

Head of Development at Giant Spacekat | **INVITED TECHNICAL SPEAKER**

Brianna Wu is the head of development at Giant Spacekat, a company specializing in cinematic experiences using the Unreal engine. She's also a frequent speaker on women in tech issues. In the past, she's worked as a journalist and a politico. When she's not developing software, she enjoys racing motorcycles and running marathons.

10:30 a.m. – 11:30 a.m.

Lanier Grand Ballroom C Level Four Hilton Americas

Dr. Brian Nosek

Executive Director, Center for Open Science; Professor at University of Virginia | **INVITED SPEAKER**

Brian Nosek received a Ph.D. from Yale University, and a B.S. in Psychology with minors in Computer Science and Women's Studies from California Polytechnic State University, San Luis Obispo. Nosek is co-founder and Executive Director of the Center for Open Science, co-founder of Project Implicit and a professor in the Department of Psychology at the University of Virginia. Nosek's expertise is in the gap between values and practices, and thoughts and feelings that occur outside of awareness or control. The Center for Open Science is a non-profit tech startup with a mission to increase openness, integrity and reproducibility of scientific research.



SPEAKERS AND HONOREES DAY 2: THURSDAY

■ 12:00 p.m. – 1:00 p.m.

📍 George Bush Grand Ballrooms A–C Level Three GRBCC

Dorothy Graham

Software Testing Professional | **INVITED TECHNICAL SPEAKER**

Dorothy Graham has been in software testing for 40 years, and is co-author of four books: *Software Inspection*, *Software Test Automation*, *Foundations of Software Testing* and *Experiences of Test Automation*.

Dorothy is a popular conference speaker worldwide, was program chair for EuroSTAR 1993 and 2009, and has been on the boards of conferences and publications in software testing. She was a founder member of the ISEB Software Testing Board and was a member of the working party that developed the ISTQB Foundation Syllabus.



■ 12:00 p.m. – 1:00 p.m.

📍 Lanier Grand Ballroom C Level Four Hilton Americas

Dr. Nadya Fouad

Distinguished Professor & Department Chair, University of Wisconsin–Milwaukee, School of Education

| **INVITED SPEAKER**



Nadya Fouad, in addition to her faculty position at the University of Wisconsin–Milwaukee, is the immediate past editor of *The Counseling Psychologist*. She is the recipient of many awards for her research as well as for her service to the training of psychologists. She has served in many leadership roles in the American Psychological Association, and serves on the National Academy of Engineering Workforce Continuum Workgroup. She has published articles and chapters on the career development of women and racial/ethnic minorities, interest measurement and cross-cultural counseling. She is currently working on studies to examine the persistence of women in engineering careers.

SPEAKERS AND HONOREES DAY 2: THURSDAY

■ 5:30 p.m. – 6:30 p.m.

📍 Halls D–E Level One GRBCC

Sheryl Sandberg

Chief Operating Officer, Facebook | **PLENARY SPEAKER**

Sheryl Sandberg is chief operating officer at Facebook, overseeing the firm's business operations. Prior to Facebook, Sheryl was vice president of Global Online Sales and Operations at Google, chief of staff for the United States Treasury Department under President Clinton, a management consultant with McKinsey & Company and an economist with the World Bank.

Sheryl received a B.A. summa cum laude from Harvard University and an MBA with highest distinction from Harvard Business School.

Sheryl is the author of the bestsellers *Lean In: Women, Work, and the Will to Lead* and *Lean In for Graduates* and founder of LeanIn.Org, a global community committed to empowering all women to achieve their ambitions. Sheryl serves on the boards of Facebook, the Walt Disney Company, Women for Women International, ONE and SurveyMonkey. Sheryl lives in Menlo Park with her son and daughter.



SESSIONS DAY 2: THURSDAY

8:30 a.m. - 10:00 a.m.

GENERAL SESSION

Thursday Keynote

Halls D-E Level One GRBCC

Keynote: Susan Wojcicki delivers the Thursday morning keynote and will be joined in conversation by journalist Moira Forbes.

Susan Wojcicki, *CEO of YouTube*

ABIE Award Winners: The Anita Borg Institute presents the winners of the Grace Hopper Celebration Change Agent ABIE Awards and the Social Impact ABIE Award. #ABIEWINNER

María Celeste Medina and Mai Abualkas Temraz, *2015 Winners of the Grace Hopper Celebration Change Agent ABIE Award*

Michal Segalov and Daniela Raijman, *2015 Winners of the Grace Hopper Social Impact ABIE Award*

10:00 a.m. - 10:30 a.m.

BREAKS

Break

10:00 a.m. - 5:30 p.m.

GENERAL SESSIONS

Career and Community Fairs

Halls A-C Level One GRBCC

10:30 a.m. - 11:30 a.m.

DATA SCIENCE

PANEL

Dear Big Data, Why Isn't My Life Perfect Yet?

General Assembly Theatre C Level Three GRBCC

Ashley P. Jin (Paxata), Wendy Schott (PubNub), Jessica M. Tai (Airbnb), Melissa J. Dalis (Square), Roshni Chandrashekhar (Google)
★ Intermediate

HCI

PANEL

Disrupting Learning: Design, Technology and Education in the 21st Century

352 D Level Three GRBCC
Masuma Henry (Artefact)
★ Intermediate

SOFTWARE ENGINEERING

PRESENTATION / LIGHTNING TALK

Software Engineering: Lightning Talks

362 A Level Three GRBCC

Adapting Your iOS App to the Ever-Changing New Technologies
Liron Matityahu (Intuit)
★ Beginner

Accessibility of Mobile Applications - Technology for Everyone!

Saraswathi M. (SAP Labs, India)
★ Beginner

A Brief Introduction to Content Delivery Network

Madhura Raju (Akamai Technologies)
★ Beginner

Technology Behind Giant "Retail" Wheel

Seena Ganesh (@WalmartLabs)
★ Intermediate

Large Scale Distributed Actor System Utilization

Kevin W. Quick (GoDaddy)
★ Intermediate

Breathing New Life into COBOL

Cindy Guenther (Atos)
★ Intermediate

A Pragmatic Introduction To RESTfulness

Beth Andres-Beck (Twitter)
★ Intermediate

Designing Future Software for Sustainability: The Karlskrona Manifesto

Birgit Penzenstadler (California State University, Long Beach)
★ Intermediate / All

SESSIONS DAY 2: THURSDAY

10:30 a.m. - 11:30 a.m.

ARTIFICIAL INTELLIGENCE

PANEL

Using Artificial Intelligence to Solve Complex Problems

351 A Level Three GRBCC

Giulia Pagallo (Apple), Revathi Subramanian (CA Technologies), Tara Sainath (Google), Lydia E. Kavraki (Rice University)
★ Intermediate

SECURITY/PRIVACY

PRESENTATION / LIGHTNING TALK

Identity and Privacy: Presentations

361 A Level Three GRBCC

Identify & Access Management: Who is Touching What?

Laura Chapa (Bank of America)
★ Beginner

Identity Toolkit

Hadas Shahar (Google)
★ Beginner

Ethical Market Models in the Personal Data Ecosystem

Kaliya Identity Woman (Personal Data Ecosystem Consortium + Leola Group)
★ Beginner

Life of PII - Protecting Your Personally Identifiable Information

Alisha Kloc (Google)
★ Intermediate

GFX

PRESENTATION / LIGHTNING TALK

ITS GFX: Brianna Wu

George Bush Grand Ballrooms A-C Level Three GRBCC

The Changing State of the Games Industry

Brianna Wu (Giant Spacekat)
★ All

CAREER

WORKSHOP

Serious Play Workshop

3310 D Level Three GRBCC

Connie Smallwood (CA Technologies), Melissa Borza (CA Technologies)

★ Students, Mid-Career and Early Career

CAREER

PANEL

Excelling Without Exams: Succeeding as a New Grad

320 A Level Three GRBCC

Omosola Odetunde (Shopify), Wendy Lu (Pinterest), Priscilla Ikhenya (Microsoft), Erin Parker (Spitfire Athlete), Thogori Karago (LinkedIn)
★ Students and Early Career

FACULTY

PANEL

Academic Leadership: The Three S*** (Screw-ups, Surprises, and Successes)

322 A Level Three GRBCC

Tracy Camp (Colorado School of Mines), Fran Berman (Rensselaer Polytechnic Institute), Carla Brodley (Northeastern University), Julia Hirschberg (Columbia University)
★ Beginner / Senior Women and Mid-Career

CAREER

BOF

Driving Success Through Innovation & Change

General Assembly Theatre A Level Three GRBC

Angela Jane Milan (Thomson Reuters), Julie Jensen (Thomson Reuters)
★ Senior Women, Mid-Career and Early Career

CAREER

PANEL

U-Turns, Detours, and Roadblocks: Navigating Your Career as an Underrepresented Woman in Computing

332 C Level Three GRBCC

Rosa Enciso (Microsoft), Yina Arenas (Microsoft), Debora Plunkett (National Security Agency), Patty Lopez (Intel)
★ All

COMMUNITY

PANEL

#WomenInTech Lead Through Systerhood

332 A Level Three GRBCC

Rose Robinson (Anita Borg Institute), Lynn Root (Spotify), Natalie Villalobos (Google), Pamela Vickers (Blue Bottle Coffee)
★ All

CAREER

Speed Mentoring

Hall A3 Level Three GRBCC

PRODUCTIZATION

PANEL

Developing Market-Leading Products - Strategies and Techniques for Growth Engineering

Lanier Grand Ballroom A Level Four Hilton Americas

June Wang (Instagram), Anna Majkowska (Pinterest), Karen Kim (Airbnb), Helena Tan (Fitbit)
★ Intermediate

ORGANIZATIONAL TRANSFORMATION

PRESENTATION / LIGHTNING TALK

Mindbugs: Solving Implicit Bias in Gender and STEM

Lanier Grand Ballroom C Level Four Hilton Americas

Brian Nosek (Center for Open Science)
★ All

SESSIONS DAY 2: THURSDAY

10:30 a.m. - 11:30 a.m.

INTERNET OF THINGS/
EMERGING TECH
PANEL

Emerging Technologies: An Inside Glimpse at the Future

📍 General Assembly Theatre B Level Three GRBCC
👤 Kate Boeckman (Thomson Reuters), Jess Kimball Leslie (Freelance), Obi Felten (Google), Vida Ilderem (Intel Labs), Asta Roseway (Microsoft Research)
★ Beginner

BEST OF

PRESENTATION / LIGHTNING TALK

Best Of ACM

📍 340 A Level Three GRBCC

11:30 a.m. - 12:00 p.m.

BREAK

Morning Refreshments

12:00 p.m. - 1:00 p.m.

DATA SCIENCE

PRESENTATION / LIGHTNING TALK

Tech Careers and Data Science: Presentations

📍 General Assembly Theatre C Level Three GRBCC

Building Cross-Functional Teams to Create Innovative Data Products

👤 Anu Tewary (Intuit)
★ Intermediate

Using Data Science to Increase Diversity in the Tech Workforce

👤 Genetha A. Gray (Intel)
★ Beginner

Full Stack Data: Data Science at a Startup

👤 Diyang Tang (Stellar.org)
★ Beginner

OPEN SOURCE

PRESENTATION / LIGHTNING TALK

Open Source: Presentations

📍 370 A Level Three GRBCC

Lessons Learned Teaching Open Source: Productive Partnerships with Community Mentors

👤 Becka Morgan (Western Oregon University)
★ Beginner

Joining the Light Side: Moving from Proprietary to Open Source

👤 Gina Likins (Red Hat)
★ Beginner

Getting Involved with Open Source at Apache Software Foundation

👤 Billie Rinaldi (Hortonworks)
★ Beginner

SPECIAL SESSIONS

Senior Women's Program and Luncheon (By Invitation Only)

📍 Program: Ballroom of the Americas C, Level Two, Hilton Americas

📍 Luncheon: Ballroom of the Americas F, Level Two, Hilton Americas

GFX

WORKSHOP

Computational Art to Introduce Computing for CSO and Outreach

📍 42 A Level Three GRBCC

👤 Zoe Wood (California Polytechnic State University, San Luis Obispo), Julie Workman (California Polytechnic State University, San Luis Obispo)
★ Beginner

SECURITY/PRIVACY

PRESENTATION / LIGHTNING TALK

Attacks: Presentations

📍 352 D Level Three GRBCC

Web Security: Thinking Like an Attacker

👤 Sarah Chmielewski (MIT Lincoln Laboratory)
★ Intermediate

Test Driven Security

👤 Rosalie L. Tolentino (ThoughtWorks)
★ Intermediate

Ransomware: An Exploration Into These Damaging Threats

👤 Marianne Mallen (Microsoft)
★ Intermediate

SOFTWARE ENGINEERING

PANEL

Beyond "Growth Hacking": Engineering Sustainable, Scalable Growth

📍 362 A Level Three GRBCC

👤 Miri Pruzan (Facebook), Vivian Qu (Pinterest), Erica Lockheimer (LinkedIn), Molly Long (Uber), Winnie Wang (Airbnb)
★ Intermediate

SESSIONS DAY 2: THURSDAY

12:00 p.m. - 1:00 p.m.

HCI

PRESENTATION / LIGHTNING TALK

HCI: Presentations

Visualization to Aid Stress Management

📍 351 A Level Three GRBCC

👤 Moushumi Sharmin (University of Memphis)
★ Beginner

When You're Missing Home: Replacing the Hamburger With a House

👤 Elizabeth Ha (Prosper Marketplace)
★ Beginner

Keyboard Design – Methods and Reflections

👤 Richard Ram (Bloomberg)
★ Beginner

ARTIFICIAL INTELLIGENCE

PRESENTATION / LIGHTNING TALK

Artificial Intelligence: Presentations

📍 361 A Level Three GRBCC

Deep Graph Kernels

👤 Pinar Yanardag (Purdue University)
★ Advanced

Games People (Could Not) Play

👤 Swati Gupta (Massachusetts Institute of Technology)
★ Advanced

CAREER

WORKSHOP

The Mentor's Call: A Heroic Response to Women Leaving Technology

📍 310 D Level Three GRBCC

👤 Diane Dowdell (Rackspace)
★ Senior Women and Mid-Career

CAREER

PANEL

Navigating up From Rejection

📍 320 A Level Three GRBCC

👤 Vidya Srinivasan (Microsoft), Cindy Burns (EMC), Josephine Kilde (University of Colorado, Boulder), Laura Ferguson (Create), Kathy Pham (U.S. Digital Service, The White House)
★ All

FACULTY

BOF

Students, Students, and More Students: Gracefully Handling Increasing Class Sizes

📍 322 A Level Three GRBCC

👤 Alison N. Norman (The University of Texas, Austin), Serita Nelesen (Calvin College), Tiffany Buckley (The University of Texas, Austin)
★ Beginner / All

CAREER

PRESENTATION / LIGHTNING TALK

Career: Presentations

📍 General Assembly Theatre A Level Three GRBCC

Ask Yourself This

👤 Tiffany Kasanicky (Intel)
★ Mid-Career

Finding and Building a Successful Mentoring Relationship

👤 Michelle Cantone (Noble Drilling)
★ All

Think Like a VC: Evaluating a Startup Opportunity

👤 Mary A. Holstege (MarkLogic)
★ Mid-Career and Early Career

CAREER

BOF

It's Okay to Fail

📍 332 C Level Three GRBCC

👤 Kate Isaacs (University of California,

Davis), Emily Leathers (Brigade), Elynn Lee (Quora), Katie Lewis (Lawrence Livermore National Laboratory), Aditi Mehta (Delhi Technological University, India)

★ Students, Mid-Career and Early Career

COMMUNITY

PANEL

Leading The Next Generation: Anna and Ilsa Make Technology Fun

📍 332 A Level Three GRBCC

👤 Ann-Marie Horcher (Nova Southeastern University), Barbara Hewitt (Texas State University), Stephanie Taylor (Google)
★ All

CAREER

Speed Mentoring

📍 Hall A3 Level Three GRBCC

ORGANIZATIONAL
TRANSFORMATION

PRESENTATION / LIGHTNING TALK

It's Not Just the Pipeline: Why Fixing the Culture Is Essential

📍 Lanier Grand Ballroom C Level Four Hilton Americas

👤 Nadya Fouad (University of Wisconsin-Milwaukee)
★ All

OPEN SOURCE

WORKSHOP

Exploring an Open-Source Software on Miniature Computers

📍 370 A Level Three GRBCC

👤 Sowmya Balasubramanian (Lawrence Berkeley National Laboratory), Mary Hester (Lawrence Berkeley National Laboratory)
★ Intermediate

SESSIONS DAY 2: THURSDAY

12:00 p.m. - 1:00 p.m.

INTERNET OF THINGS/ EMERGING TECH

PRESENTATION / LIGHTNING TALK

IoT and Emerging Tech: Presentations

📍 General Assembly Theatre B Level Three GRBCC

Internet of Things From A to Z

👤 Desiree Santos (Thoughtworks)
★ Intermediate

Making Buildings Smarter With the Power of Software

👤 Elizabeth A. Royalty (Building Robotics, Inc)
★ Beginner

Nonprofit Challenges of Deploying IoT Technology

👤 Raquel Romano (Google)
★ Beginner

BEST OF PANEL

Green Data Centers

📍 340 A Level Three GRBCC

👤 Heather Clancy (GreenBiz), Joyce Dickerson (Google), Jennifer Fraser (Twitter), Christina Page (Yahoo!), Rachel Peterson (Facebook)
★ Intermediate

PRODUCTIZATION

PRESENTATION / LIGHTNING TALK

ITS Productization: Dorothy Graham

📍 George Bush Grand Ballrooms A-C Level Three GRBCC

Intelligent Mistakes in Software Test Automation

👤 Dorothy Graham (Independent Software Testing Consultant)

12:40 p.m. - 1:40 p.m.

SPECIAL SESSIONS

PRESENTATION / LIGHTNING TALK

ACM Student Research Competition Undergraduate Finals

Undergraduate finalists from the Student Research Competition present their posters.

📍 Town Hall, Community Fair, Halls A-C Level One GRBCC

1:00 p.m. - 2:30 p.m.

Lunch is available for purchase at the convention center. Most of the lunches listed here are available on a first come, first served basis and you are welcome to join.

LUNCHES AND RECEPTIONS

LGBT Lunch #ABIMEETUP

📍 Lanier Grand Ballroom J-K Level Four Hilton Americas

LUNCHES AND RECEPTIONS

Research Labs Lunch

📍 350 D Level Three GRBCC

LUNCHES AND RECEPTIONS :

Lunchtime Table Topics

📍 Exhibit Halls B-C Level One GRBCC

Join us for interactive discussions during lunch! Some tables will have assigned topics and other tables will have open seating where you can choose a topic.

LUNCHES AND RECEPTIONS

Women of Color Lunch

#ABIMEETUP

📍 Lanier Grand Ballroom L-I Level Four Hilton Americas

SESSIONS DAY 2: THURSDAY

2:30 p.m. - 3:30 p.m.

DATA SCIENCE

PRESENTATION / LIGHTNING TALK

Applications Using Social Network Data: Presentations

📍 General Assembly Theatre C Level Three GRBCC

Virality At BuzzFeed Data Science

👤 Anita Mehrotra (BuzzFeed)
★ Intermediate

Follow, #hashtag and @mention: Mining Social Media for Disaster Response

👤 Danelle Shah (MIT Lincoln Laboratory)
★ Intermediate

Using Big Data to Determine Social Network Offline Sales Impact

👤 Rowan Vasquez (Twitter)
★ Intermediate

Societal Trends: Growth of Data or Growth in Society

👤 June Andrews (LinkedIn)
★ Intermediate

SOFTWARE ENGINEERING

WORKSHOP

Building Awesome Product Experience - Iteratively

📍 342 A Level Three GRBCC

👤 Madhavi Guduri (Intuit), Bhakti Achlerkar (Intuit)
★ Intermediate

HCI

PRESENTATION / LIGHTNING TALK

HCI: Presentations

📍 352 D Level Three GRBCC

Mobile Eye Tracking for Augmented Reality

👤 Chethna Kabeerdoss (Texas A&M University)
★ Intermediate

My Brain is My Passport. Verify Me.

👤 Amanda Danko (USAA)
★ Intermediate

ARTIFICIAL INTELLIGENCE

PRESENTATION / LIGHTNING TALK

Artificial Intelligence: Presentations

📍 362 A Level Three GRBCC

Enabling Supportive Communications in Decentralized Multi-Agent Teams

👤 Keren Gu (Massachusetts Institute of Technology)
★ Advanced

A Formal Framework to Evaluate Household Robot Manipulators

👤 Ana Consuelo Huaman Quispe (Georgia Institute of Technology)
★ Beginner

GFX

PRESENTATION / LIGHTNING TALK

GFX: Presentations

📍 351 A Level Three GRBCC

How Online Video Streaming Works?

👤 Mingfei Yan (Microsoft)
★ Beginner

Visual Analytics for Medical Imaging: Focusing on the Spleen

👤 Ievgeniia Gutenko (Stony Brook University)
★ Beginner

Darpa Robotics Challenge

👤 Ying Lu (Rensselaer Polytechnic Institute)
★ Beginner

GAMMA: Interdisciplinary Game Development in a University Setting

👤 Sarah Abraham (University of Texas, Austin)
★ Intermediate

SECURITY/PRIVACY

PRESENTATION / LIGHTNING TALK

Defenses: Presentations

📍 361 A Level Three GRBCC

Unwanted Software: Google's Efforts to Protect Users From Malicious Intent

👤 Elisabeth Morant (Google)
★ Intermediate

(Near) Real Time Attack Monitoring on System Landscapes

👤 Kathrin Nos (SAP SE)
★ Intermediate

Hunting APT 28 in Your Fleet with Open Source Tools

👤 Elizabeth Schweinsberg (Google)
★ Intermediate

Intel® Device Protection Technology with Boot Guard

👤 Shrestha Sinha (Intel)
★ Intermediate

CAREER

WORKSHOP

Five Essentials to Rock Your Job Interview

📍 310 D Level Three GRBCC

👤 Christina Forney (Palantir Technologies), Anne Ryan (Palantir Technologies)
★ Students and Early Career

CAREER

PANEL

Enhancing Your Skills Through Nonprofit Boardrooms

📍 20 A Level Three GRBCC

👤 Julie Shannan (Girlstart), Angela Nickels (IBM), Stacy Hock (Joel and Stacy Hock Fund), Vanessa Jameson (Covey), Reena Singhal Lee (Google)
★ Senior Women, Mid-Career and Early Career

SESSIONS DAY 2: THURSDAY

2:30 p.m. - 3:30 p.m.

FACULTY

PANEL

Diverse Paths to Teaching and Research at Liberal Arts Colleges

- 322 A Level Three GRBCC
- Janet Davis (Grinnell College), Sorelle Friedler (Haverford College), Sherri Goings (Carleton College), Darakhshan Mir (Wellesley College)
- ★ Students and Early Career / All

CAREER

PRESENTATION / LIGHTNING TALK

Career: Presentations

- General Assembly Theatre A Level Three GRBCC

Get What You Want, When You Want It

- Melissa Borza (CA Technologies)
- ★ Mid-Career and Early Career

Extreme Career Change: Nothing Constant but Learning

- Olivia Janequine (ThoughtWorks, Brasil)

- ★ Mid-Career and Early Career

Transforming Organizations –From the Perspective of a Technical Mind

- Annette Beatty (Intuit)
- ★ Senior Women and Mid-Career

CAREER

BOF

Maternity Leave Survival Guide

- 332 C Level Three GRBCC
- Xinh Huynh (Samsung SDS), Anh T. Quach (Lawrence Livermore National Laboratory), Isabella Yani (Cisco), Elizabeth Bautista (Lawrence Berkeley National Laboratory), Marty Topp (Cisco)
- ★ All

COMMUNITY

PANEL

Women Tech Leaders in Government

- 332 A Level Three GRBCC
- Kathy Pham (U.S. Digital Service), Lisa Gelobter (U.S. Department of Education), Audrey Chen (Consumer Financial Protection Bureau), Sheila Campbell (Peace Corps), Sarah Allen (18F)
- ★ All

CAREER

UWiC Speed Mentoring

- Hall A3 Level Three GRBCC

PRODUCTIZATION

WORKSHOP

Herding Cat GIFs – Learning Scrum by Doing Scrum

- Lanier Grand Ballroom A Level Four Hilton Americas
- Theresa Huth (WP Engine), Anna Eilering (Rackspace)
- ★ Beginner

INTERNET OF THINGS/ EMERGING TECH

PRESENTATION / LIGHTNING TALK

IoT and Emerging Tech: Presentations

- General Assembly Theatre B Level Three GRBCC

Caching-Assisted Access to Vehicular Resources in the IoT Era

- Sherin Abdelhamid (Queen's University, School of Computing)
- ★ Intermediate

Living Smarter and Better in a Connected World

- Alex Levich (Facebook)
- ★ Intermediate

Wireless Network Systems for Monitoring Human Health

- Suryadip Chakraborty (University of Cincinnati)
- ★ Intermediate

BEST OF

PANEL

Building and Testing Accessible Mobile Applications

- 340 A Level Three GRBCC
- Ramya Sethuraman (Facebook), Kamilah Taylor (LinkedIn), Clare Kasemset (Apple), Veneta Tashev (Google), Elle Waters (Simply Accessible)
- ★ Intermediate

ORGANIZATIONAL TRANSFORMATION

PANEL

Retain and Advance Your Top Talented Women Technologists: Three Companies Share Case Studies About Programs With Proven Results

- Lanier Grand Ballroom C Level Four Hilton Americas
- Christine Goldberg (PwC), Lauren Antonoff (GoDaddy), Molly Gantz (Thomson Reuters)

OPEN SOURCE

PRESENTATION / LIGHTNING TALK

Open Source: Presentations

- 370 A Level Three GRBCC
- Best Practices for Releasing and Choosing Open Source Software*
- Irene Ros (Bocoup, LLC)
- ★ Intermediate

Open Source Continuous Integration System

- Elizabeth K. Joseph (HP)
- ★ Intermediate

Collaborating on GitHub for Open Source Documentation

- Anne Gentle (Rackspace)
- ★ Intermediate

SESSIONS DAY 2: THURSDAY

2:40 p.m. - 3:40 p.m.

SPECIAL SESSIONS

PRESENTATION / LIGHTNING TALK

ACM Student Research Competition Graduate Finals

Graduate finalists from the Student Research Competition will present their posters

- Town Hall, Community Fair, Halls A–C Level One GRBCC

3:00 p.m. - 5:00 p.m.

SPECIAL SESSIONS

Creating New User Experiences With IoT (Tech Node)

- 371 A – C Level Three GRBCC
- Liz Centoni (Cisco), Judy Priest (Cisco), Jeannie Albrecht (Williams College)

SPECIAL SESSIONS

Empowering Workers Using Machine Intelligence (Tech Node)

- 371 D – F Level Three GRBCC
- Mary Hamilton (Accenture Technology Labs)

3:30 p.m. - 4:00 p.m.

BREAKS

Afternoon Refreshments

3:45 p.m. - 4:45 p.m.

ORGANIZATIONAL TRANSFORMATION

PANEL

Fixing the Leaky Pipeline: Unleashing the Power of Community

- Halls D–E Level One GRBCC
- Reshma Saujani (Girls Who Code), Maxine Williams (Facebook), Chelsea Clinton (Clinton Foundation)
- ★ Beginner / All

4:00 p.m. - 5:00 p.m.

DATA SCIENCE

PRESENTATION / LIGHTNING TALK

Data Science in Social Network Applications: Presentations

- General Assembly Theatre C Level Three GRBCC

Graph Structure and Its Effect on Social Networks

- Aastha Jain (LinkedIn)
- ★ Intermediate

Understanding User and Community Dimensions on Reddit

- Pinar Yanardag (Purdue University)
- ★ Intermediate

A/B Testing Challenges in Large Scale Social Networks

- Ya Xu (LinkedIn)
- ★ Intermediate

HCI

WORKSHOP

Accessible Design: Breaking Barriers Between Disability and Digital Interfaces

- 342 A Level Three GRBCC
- Yvonne So (Intuit)
- ★ Beginner

SESSIONS DAY 2: THURSDAY

4:00 p.m. - 5:00 p.m.

ARTIFICIAL INTELLIGENCE

PRESENTATION / LIGHTNING TALK

Artificial Intelligence: Presentations

362 A Level Three GRBCC

From Planes to UAS: Safe, Automated Air Traffic Control

Kristin Yvonne Rozier (University of Cincinnati)

Beginner

User Latent Preference Model for Better Downside Management

Jian Wang (LinkedIn)

Advanced

GFX

WORKSHOP

Taking Your Game to the Cloud

Location: 351 A Level Three GRBCC

Katherine Harris (Microsoft)

Intermediate

SECURITY/PRIVACY

PRESENTATION / LIGHTNING TALK

Mobile and Authentication: Presentations

361 A Level Three GRBCC

Presentations

Everything You Need to Know About Password Managers

Jennie Kam (Cisco)

Intermediate

How to Reduce Password-Management Costs? Explore the Possibilities of Single-Sign-On.

Priya Murthi (SAP Labs, India)

Intermediate

Continuous Authentication on Mobile Devices

Malek Ben Salem (Accenture)

Advanced

Security Features that Unlock Mobile Apps for Enterprises

Vanessa Larco (Box)

Beginner

CAREER

PRESENTATION / LIGHTNING TALK

Career: Presentations

320 A Level Three GRBCC

Certain Truths Hold True to Your Success

Mary Odabashian (SAP)

Students, Mid-Career and Early Career

A Tale of Moving Cities, Starting Jobs and Being Pregnant

Daniela Rivera (DocuSign)

Students, Mid-Career and Early Career

Antidotes for Workplace Paralysis

Mindy Or (ThoughtWorks)

Students and Early Career

Enter Engineering at Any Age

Patricia Estridge (Betterment)

Students and Early Career

CAREER

PRESENTATION / LIGHTNING TALK

Career: Presentations

322 A Level Three GRBCC

My Journey From a Fashion Model to a Chief Technologist

Kan Tang (HP)

Students, Mid-Career and Early Career

The Leadership Puzzle: Simple Pieces, Difficult Connections

Denise Cox (NetApp)

All

CAREER

PANEL

The Career Lifecycle: Finding Your Path, Knowing When to Leave

General Assembly Theatre A Level Three GRBCC

Selina Tobaccowala

(SurveyMonkey), Bridget Frey (Redfin), Kimber Lockhart (One Medical Group), Jocelyn Mangan (OpenTable)

All

CAREER

PANEL

The Confidence Conundrum: Discussing Confidence as Women in Tech

332 C Level Three GRBCC

Tammy Hughes (The Heim Group, LLC), Kaycee Anderson (Microsoft), Sahana Rajasekar (Pinterest), Jessica Jenkins (Inkling), Ariane Jansen (Facebook)

All

COMMUNITY

PANEL

Women Lead In Open Source

332 A Level Three GRBCC

Ana Cutillas (IBM, Spain), Ana Balica (Potato London), Alma Castillo (Chalmers Technology Institute), Carol Smith (Google), Carol Willing (FabLabs; Python Software Foundation)

All

CAREER

UWiC Speed mentoring

Hall A3 Level Three GRBCC

ORGANIZATIONAL TRANSFORMATION

PANEL

Male Allies: The Power of Gender Partnership in Advancing Women Technologists

Ballroom of the Americas C Level Two Hilton Americas

Rayona Sharpnack (Institute for Women's Leadership), Ray Arata (Gender Leadership Group: Advocates for Business Inclusion)

SESSIONS DAY 2: THURSDAY

4:00 p.m. - 5:00 p.m.

PRODUCTIZATION

PRESENTATION / LIGHTNING TALK

Product Strategy/Design: Presentations

Lanier Grand Ballroom A Level Four Hilton Americas

Human-Centered Technology

Julie M. Norvaisas (LinkedIn)

Beginner

Get Real to Get It Right: Letting Your Customers Lead

Doris Daif (American Express)

Intermediate

Let Users Drive Product Roadmap: Strategy, Meet User Research

Mrudula Kodali (Salesforce.com)

Beginner

BEST OF

PRESENTATION / LIGHTNING TALK

Technical Leadership ABIE Award Winner

340 A Level Three GRBCC

5:00 p.m. - 5:30 p.m.

BREAKS

Break

5:30 p.m. - 6:30 p.m.

GENERAL SESSIONS

PRESENTATION / LIGHTNING TALK

Thursday Afternoon Plenary

Sheryl Sandberg and Rachel Thomas will discuss Lean In and other issues that are top of mind for women in tech.

Halls D-E Level One GRBCC

Sheryl Sandberg (Chief Operating Officer, Facebook), Rachel Thomas (LeanIn.org)

6:30 p.m. - 7:00 p.m.

BREAKS

Break

Computing for Robots and Biomolecules

Lydia E. Kavvaki (Rice University)

INTERNET OF THINGS/ EMERGING TECH

PRESENTATION / LIGHTNING TALK

IoT and Emerging Tech: Presentations

General Assembly Theatre B Level Three GRBCC

Make Things Think

Bhagyalakshmi K (SAP Labs, India)

Intermediate

Designing for Safety

Arpitha Shetty (PwC)

Intermediate

IoT Platform to Connect Remote Device to the Internet

Kavitha Santhana Lakshmi (SAP Labs)

Intermediate

OPEN SOURCE

PRESENTATION / LIGHTNING TALK

Open Source: Presentations

370 A Level Three GRBCC

Radical Decentralization: Using the Power Law to Cultivate Community

Jade Wang (Sandstorm Development Group)

Intermediate

The Evolution of OpenStack

Malini K. Bhandaru (Intel)

Intermediate

Why Should Chip Companies Do Upstream Linux Development?

Kathy Giori (Qualcomm)

Advanced

FRIDAY, OCTOBER 16



SESSION HIGHLIGHTS DAY 3: FRIDAY

The final day of GHC culminates with a rich array of sessions covering technical topics, community building, film screenings and an evening of celebration! This day truly spotlights the remarkable women gathered together to learn, connect and inspire each other.

GET INSPIRED

8:30 a.m. – 10:00 a.m.

Take a deep dive into the technology behind robotics and other artificial intelligence at Friday's keynote, given by **Manuela Veloso**, the Herbert A. Simon University Professor in the Computer Science Department at Carnegie Mellon University.

Also, please join us in recognizing **Joanne Cohoon**, winner of the A. Richard Newton Educator ABIE Award, and **Lydia Tapia**, winner of the Denice Denton Emerging Leader ABIE Award. Both award winners will also be speaking later in the day.

GAIN EXPERTISE

10:30 a.m. – 1:00 p.m.

For students exploring the next step of their careers, the **Student Opportunity Lab (SOL)** offers interactive sessions to help navigate all the options, including jobs, internships, research, continuing education and more!

11:00 a.m. – 1:00 p.m.

AND

2:30 p.m. – 4:00 p.m.

Come to our **film screenings** for some fresh on-screen inspiration from talented filmmakers. Look out for **CODE**, a documentary that exposes the dearth of American female and minority software engineers and explores the reason for this gender gap. Also check out **Once And For All**, which tells the story of the 1995 Beijing Women's Conference, a watershed event in the global struggle for women's rights.

GET CONNECTED

10:30 a.m. – 11:30 a.m.

Our **Lean In sessions** for professionals and students feature leaders from Facebook, LinkedIn, Lean In and ABI who want to "Circle Up" in support of their fellow women technologists. Engage in a connection exercise and learn the basics for running your own successful Lean In circle.

12:00 p.m. – 1:00 p.m.

Many Sessions

Want more time to connect with like-minded peers, mentors and future employers? Check out **Speed Mentoring**.

6:30 p.m. – Midnight

Join us in celebrating the culmination of GHC 2015 with a night of festivity!

To accommodate the expanded programming that we're offering at GHC 2015, we are introducing Clusters. Clusters may contain multiple tracks that cover similar topics. Sessions within a Cluster are located near each other to make it easier for you to get to the sessions you are interested in. Look out for signs that will help you find Clusters.

CAREER

CAREER
COMMUNITY
FACULTY

EMERGING TECH/BEST OF

BEST OF
INTERNET OF THINGS/
EMERGING TECH

GENERAL SESSIONS

BREAKS
GENERAL SESSIONS
LUNCHES
POSTERS
SPECIAL SESSIONS

OPEN SOURCE

OPEN SOURCE

ORGANIZATIONAL TRANSFORMATION

ORGANIZATIONAL
TRANSFORMATION

PRODUCTIZATION

PRODUCTIZATION

TECHNOLOGY

ARTIFICIAL INTELLIGENCE
DATA SCIENCE
GFX
HCI
SECURITY/PRIVACY
SOFTWARE ENGINEERING

SPEAKERS AND HONOREES DAY 3: FRIDAY

8:30 a.m. – 10:00 a.m.

Halls D-E Level One GRBCC



Manuela M. Veloso

Herbert A. Simon University Professor in the Computer Science Department at Carnegie Mellon University | **KEYNOTE**

Manuela M. Veloso is the Herbert A. Simon University Professor in the Computer Science Department at Carnegie Mellon University. Her field of research covers Artificial Intelligence and Robotics, and she founded and directs the CORAL research laboratory, which studies autonomous agents that Collaborate, Observe, Reason, Act and Learn.

Manuela is an IEEE Fellow, AAAS Fellow, AAAI Fellow, and the past President of AAAI and RoboCup. Her CoBot service robots have autonomously navigated for more than 1,000km in multi-floor office buildings.

Manuela has become well known in the AI community for being the guiding force behind robot soccer, using the sport as a playing field for autonomous systems and researching how robots can observe, reason, act, cooperate and learn while playing on a field. She co-founded the RoboCup Federation and launched the first-ever games in 1997. The official goal of the RoboCup is for a robot team to defeat the human team in 2050's World Cup.

Lydia Tapia

2015 Winner of the Grace Hopper Celebration Denise Denton Award Winner
| **ABIE AWARD WINNER**

AWARD SPONSORED BY MICROSOFT

Lydia Tapia is an Assistant Professor in Computer Science at the University of New Mexico (UNM), where she researches methodologies for the simulation and analysis of motions. She has applied these ideas to both robots and disease causing proteins as the director of the Adaptive Motion Planning Research Group. Before UNM, Lydia was a Computing Innovation Post Doctoral Fellow at the University of Texas at Austin. She received a Ph.D. from Texas A&M University and a B.S. from Tulane University. She is highly committed to introducing young scientists to research through research experiences for undergraduates and K-12 outreach.

#ABIEWINNER



Dr. Joanne McGrath Cohoon

2015 winner of the A. Richard Newton Educator ABIE Award
| **ABIE AWARD WINNER**

AWARD SPONSORED BY JUNIPER NETWORKS

Dr. Joanne McGrath Cohoon is a sociologist with the rank of Full Professor in the University of Virginia's department of Engineering & Society. She has researched the gender imbalance in computing for almost twenty years, and put this knowledge into practice, particularly through her work with the National Center for Women and Information Technology (NCWIT). As a Senior Research Scientist for NCWIT, Joanne promotes diversity and equity by improving the practices of institutions that educate and employ computing professionals. In other words, she works to change the system, not the women.

#ABIEWINNER

SPEAKERS AND HONOREES DAY 3: FRIDAY

10:30 a.m. – 11:30 a.m.

George Bush Grand Ballroom A-B Level Three GRBCC



Grady Booch

Chief Scientist for Software Engineering at IBM Research | **INVITED TECHNICAL SPEAKER**

Grady Booch is Chief Scientist for Software Engineering at IBM Research. Having originated the term and the practice of object-oriented design, he is best known for his work in advancing the fields of software engineering and software architecture. A co-author of the UML, a founding member of the Agile Alliance, and a founding member of the Hillside Group, Grady has published six books and several hundred technical articles, including an ongoing column for IEEE Software. Grady is also a trustee for the Computer History Museum. He is an IBM Fellow, an ACM and IEEE Fellow, was awarded the Lovelace Medal in 2012, and has given the Turing Lecture for the BCS. He is currently deeply involved in the development of cognitive systems, and is also developing a major trans-media documentary for public broadcast on the intersection of computing and the human experience.

4:00 p.m. - 5:00 p.m.

Halls D-E Level One GRBCC

Telle Whitney

Anita Borg Institute President and CEO | **PLENARY SPEAKER**

Dr. Telle Whitney joined the Anita Borg Institute in 2002, and has led ABI's substantial growth in size and impact. She held senior technical management positions with Malleable Technologies and Actel Corporation, and co-founded the Grace Hopper Celebration of Women in Computing Conference. She serves on the advisory boards of Caltech's Information Science and Technology, California Institute for Telecommunications and Information Technology, and Illuminate Ventures. She has received ACM Distinguished Service award, CRA's A. Nico Habermann Award for her role in founding and sustaining NCWIT, and an honorary degree from CMU, among other awards. Dr. Whitney received her Ph.D. from Caltech, and her bachelor's degree at the University of Utah, both in Computer Science.



SESSIONS DAY 3: FRIDAY

8:30 a.m. - 10:00 a.m.

GENERAL SESSIONS

PRESENTATION / LIGHTNING TALK

Friday Keynote

📍 Halls D-E Level One GRBCC

Keynote: Manuela M. Veloso will deliver a technical keynote.

👤 Manuela M. Veloso, *Herbert A. Simon University Professor in the Computer Science Department at Carnegie Mellon University*

ABIE Award Winners: The Anita Borg Institute will present the winners of the A. Richard Newton Educator ABIE Award and the Denice Denton Emerging Leader ABIE Award. #ABIEWINNER

👤 Lydia Tapia, *2015 Winner of the Grace Hopper Celebration Denise Denton Award*

👤 Dr. Joanne McGrath Cohoon, *2015 Winner of the A. Richard Newton Educator ABIE Award*

10:00 a.m. - 10:30 a.m.

BREAKS

Break

10:00 a.m. - 2:30 p.m.

GENERAL SESSIONS

Career and Community Fairs

📍 Halls A-C Level One GRBCC

10:30 a.m. - 11:30 a.m.

DATA SCIENCE

PRESENTATION / LIGHTNING TALK

Data Science in Science Applications: Presentations

📍 General Assembly Theatre C Level Three GRBCC

Data Behind the National Ignition Facility

👤 Katie Lewis (Lawrence Livermore National Laboratory)

★ Intermediate

Unsupervised Learning: Detecting Events in Earth Dam and Levee Data

👤 Wendy D. Belcher (Colorado School of Mines)

★ Intermediate

Improve Spatial Planning for Economic Development with Geospatial Big Data

👤 Huina Mao (Oak Ridge National Laboratory)

★ Intermediate

SECURITY/PRIVACY

PRESENTATION / LIGHTNING TALK

Cryptography: Presentations

📍 352 D Level Three GRBCC

Computing With People You Don't Trust: Cryptographically Secure Computation

👤 Emily Shen (MIT Lincoln Laboratory)

★ Beginner

In Cloud We Encrypt

👤 Vivian Gerritsen (Intuit)

★ Intermediate

Cloudy With a Chance of Crypto: Securing Cloud-based Databases

👤 Ariel Hamlin (MIT Lincoln Laboratory)

★ Intermediate

ARTIFICIAL INTELLIGENCE

PRESENTATION / LIGHTNING TALK

Artificial Intelligence: Presentations

📍 362 A Level Three GRBCC

Query Understanding in Product Search

👤 Tanvi Motwani (A9.com)

★ Intermediate

Neuroscience-Inspired Dynamic Architectures

👤 Catherine D. Schuman (University of Tennessee, Knoxville)

★ Advanced

Automatic Assessment of News Authors' Authoritativeness

👤 Riham Mansour (Microsoft Research)

★ Advanced

SOFTWARE ENGINEERING

PANEL

Break Up With Your Codebase? Or Make It Work?

📍 351 A Level Three GRBCC

👤 Kelsey Stemmler (Pinterest), Ester

SESSIONS DAY 3: FRIDAY

10:30 a.m. - 11:30 a.m.

Bogod (StumbleUpon), Sara Tansey (Pivotal), Trisha Kothari (Affirm), Jen-Mei Wu (Indiegogo)

★ Beginner

HCI

PRESENTATION / LIGHTNING TALK

HCI: Lightning Talks

📍 361 A Level Three GRBCC

Augmented Shopping – An Application of Augmented Reality

👤 Preeti Bindu (Intel)

★ Advanced

Studies of Usability and User

Experience Situations in Bioinformatics Software

👤 Dan Wang (Purdue University)

★ Intermediate

What's the Big Idea? (Ideation for the Enterprise)

👤 Melissa Sisco (CA Technologies)

★ Intermediate

Designing Simulations: Childbirth Support and Deep Space Network Operations

👤 Alexandra Holloway (Jet Propulsion Laboratory, Caltech)

★ Beginner

Show Me the Money: Simplifying Mobile Expenses

👤 Weili Shi (Workday)

★ Beginner

SOFTWARE ENGINEERING

PRESENTATION / LIGHTNING TALK

ITS Software Engineering: Grady Booch

📍 George Bush Grand Ballrooms A-B Level Three GRBCC

The Thread and the Loom

👤 Grady Booch (IBM)

CAREER

WORKSHOP

Authenticity 2.0: Your Story as a Unique Access to Leadership

📍 310 D Level Three GRBCC

👤 Cheryl Hunter (The Hunter Group)

★ Senior Women and Mid-Career

CAREER

PRESENTATION / LIGHTNING TALK

Lean In Student Session: Circle Up With Peers Pursuing Computer Science and Engineering Degrees

📍 320 A Level Three GRBCC

👤 Kunbi Adeyemo (Facebook), Michelle Carrega (LinkedIn), Emily Koh (LeanIn.Org), Melissa Koch (Anita Borg Institute)

FACULTY

PRESENTATION / LIGHTNING TALK

Faculty: Presentations

📍 322 A Level Three GRBCC

Teaching Technical Concepts Using Gamified Curricula

👤 Emily A. Marasco (University of Calgary)

★ Senior Women, Mid-Career and Early Career / Beginner

Collaboration: The Key to Leading Institutional Transformation

👤 Carol Marchetti (Rochester Institute of Technology)

It Takes A Department

👤 Leilani M. Benoit (Dona Ana Community College of New Mexico State University)

★ Beginner / All

CAREER

PANEL

Accelerating and Funding Women Entrepreneurs

📍 General Assembly Theatre A Level Three GRBCC

👤 Melinda Briana Epler (Change Catalyst), Kat Manalac (Y Combinator), Wayne Sutton (BUILDUP), Ari Horie (Women's Startup Lab), Sue Heilbronner (MergeLane)

★ All

CAREER

PANEL

Bringing Your Whole Self to Work as an Underrepresented Woman in Computing

📍 332 C Level Three GRBCC

👤 Mirkeya Capellán (Mercedes-Benz USA), Katie Sullivan (Microsoft), Raquel Romano (Google), Blanca Polo (Adtech), Tammara Combs (Serendipity Interactive)

CAREER

Speed Mentoring

📍 George Bush Grand Ballroom C Level Three GRBCC

COMMUNITY

PANEL

Her-stories: Inspiration From Past Leaders in Tech

📍 332 A Level Three GRBCC

👤 Danielle Cummings (DoD), Gulustan Dogan (Yildiz Technical University), Elizabeth Bautista (Lawrence Berkeley National Lab National Energy Research Scientific Computing), Wei Lin (Symantec), Neetu Jain (IBM)

★ All

PRODUCTIZATION

WORKSHOP

Ideation Wheel: Keeping the Customer at the Center of Innovation

📍 Lanier Grand Ballroom A Level Four Hilton Americas

👤 Alison Polton-Simon (ThoughtWorks), Jagruti Bhikha (ThoughtWorks)

★ Intermediate

ORGANIZATIONAL TRANSFORMATION

PANEL

Queer Women in Technology

📍 Lanier Grand Ballroom C Level Four Hilton Americas

👤 Caroline Clark (Atlassian), Hillary Hartley (GSA)

★ All

SESSIONS DAY 3: FRIDAY

10:30 a.m. - 11:30 a.m.

OPEN SOURCE

PANEL

Securing Open Source Software

📍 370 A Level Three GRBCC
 👤 Allison Miller (Google), Terri Oda (Intel Open Source Technology Center), Leigh Honeywell (Heroku), Valerie A. Fenwick (Oracle)
 ★ Intermediate

BEST OF

PANEL

Change Agent and Social Impact ABIE Award Winners #ABIEWINNER

📍 340 A Level Three GRBCC
 👤 María Celeste Medina and Mai Abualkas Temraz, 2015 Winners of the Change Agent ABIE Award
 👤 Michal Segalov and Daniela Rajjman, 2015 Winners of the Social Impact ABIE Award

SPECIAL SESSIONS

PANEL

ABI.Local - Session 1: Building an ABI.Local Community From Scratch

📍 335 B Level Three Hilton Americas
 👤 Sejal Amin (Thomson Reuters), Sinead Strain (Goldman Sachs), Claudia Galvan (Anita Borg Institute)

10:30 a.m. - 1:00 p.m.

CAREER

PRESENTATION / LIGHTNING TALK

Student Opportunity Lab

📍 Hall A3 Level Three GRBCC E
 ★ Students

What Can I Do With a Computer Science Degree?

👤 Sharon Tam (VMware)

Computational Molecular Biophysics – Design Your Future

👤 Jeffrey Gray (Johns Hopkins University), Oana Lungu (University of Texas, Austin)

A Day in the Life of an SE

👤 Jennifer Green (VMware)

Achieving Technical Eminence and Career Building with Open Source

👤 Andrew Hately (IBM), Liz Kueper (IBM)

Careers in Intellectual Property Law

👤 Julie Akhter (Microsoft)

Cyber Security - It's THE Place to Be

👤 Rinki Sethi (Intuit), Baat Enosh (Intuit)

Technical Artists: Hybrid Creative Problem Solvers for Games

👤 Gracie Arenas Strittmatter (Electronic Arts; Bioware)

Make Up of a Data Scientist

👤 Sueshna Banerjee (Bank of America), Theresa Jones

Why Is a Data Career a Great Choice for Women

👤 Jin Zhang (CA Technologies)

Technical Careers in Financial Services

👤 Courtney Smith Goodrich (J.P. Morgan), Sinead Strain (Goldman Sachs), Melissa Goldman (J.P. Morgan)

Old Stars to Neustar: Academia Lessons Translated to Data Science

👤 Julie A. Hollek (Neustar)

Launching a Diversity in Computing Organization

👤 Irsal Alsanea (ThoughtWorks)

Day in the Life of a Front-End Engineer

👤 Jackie Chen (Box)

White Hat Hackers: Careers in Cybersecurity

👤 Jennie Kam (Cisco)

Day in the Life: Startup Product Manager

👤 Anna Muth (G2 Crowd)

A Day in the Life of a User Experience Designer

👤 Shannon Selissen (Netsuite)

Hello, World: The "Real World" as a Software Engineer

👤 Lauren Shapiro (Knewton), Kaycee Anderson (Microsoft), Sahana Rajesekar (Pinterest), Jennie Shapira (Blackstone)

Design For Secure Testability (DFST)

👤 Samah Mohamed Ahmed Saeed (New York University)

Yes you can! Be a Software Developer: Building Your Career

👤 Sara Safavi (Rackspace), Kacie Houser (Rackspace)

Systems Engineering as a Career

👤 Beth Gage (Juniper Networks)

Things I Wish I Knew About a Software Developer Role

👤 Varsha Mahadevan (Microsoft)

Volunteering for Your Community and Career

👤 Nancy DaSilva (Kickboard), Alba Huddleston (Get Online), Jaelle Scheuerman (NOLA), Jacqui Nelson (Mudbug Media), Torrie Adams (Kickboard)

Day in the Life of a SharePoint Administrator

👤 Tanya Keyser (Rackspace)

SESSIONS DAY 3: FRIDAY

10:30 a.m. - 1:00 p.m.

Build an Interactive Data Science Project With Shiny-R

👤 Xiaodan Zhang (University of Illinois, Urbana-Champaign)

Cloud Computing: Software Engineer's Day

👤 Lily Chang (VMware)

EEK! I've Been Hacked!: Four Daily Habits of the Security-Minded

👤 Valerie Roske (ThoughtWorks)

What is Product Management All About?

👤 Elham Ghassemzadeh (Netsuite)

Developer Relations: "Social" Engineering

👤 Erin M. Rahnenfuehrer (Netsuite), Pearl Chen (Karma Laboratory)

Coding as a Second Language: Nontraditional Paths to Software Engineering

👤 Stella Cotton (Indiegogo), Stephanie Chou (AppDynamics), Liene Verzemnieks (Simple), Ashley Lorden (Lyft)

Cloud Computing: Program Manager's Day

👤 Meena Nagarajan Kumar (VMware)

Coming Out of the Code: Tech Careers Outside of Development

👤 Nithya Lakshmanan (Netsuite)

What do Quality Engineers Do?

👤 Raji Srikantan (Salesforce.com)

Creating a Product Spec

👤 Ketki Warudkar (Box)

Why You Should Have a Personal Server

👤 Jade Wang (Sandstorm Development Group)

Careers bridging healthcare and technology

👤 Mina Hsiang (U.S. Government, Health Data), Pranathi Nakka (Stanford Medical Center), Monica McGill (Bradley University), Mia McCroskey (Streamline Health), Kathy Pham (U.S. Digital Service)

Crafting a career in User Experience

👤 Rachel Daniel (Maxpoint), Alissa Briggs (Brigade), Amanda Stockwell (352)

Careers in Intellectual Property Law

👤 Cassandra Swain (Microsoft)

Careers in Civic Technology

👤 Kimberly Munoz (Consumer Financial Protection Bureau), Angel Quicksey (Harvard University)

Checking out a Career in Cybersecurity?

👤 Tolu Onireti (Cisco), Cypriane Palma (Cisco), Lisa Bobbitt, (Cisco), Alka Gupta (Cisco)

Graduating to the Corporate World

👤 Cindy Burns (EMC), Vidya Srinivasan (Microsoft)

11:00 a.m. - 1:00 p.m.

SPECIAL SESSIONS

Documentary—CODE

📍 Lanier Grand Ballroom K Level Four Hilton Americas

11:30 a.m. - 12:00 p.m.

BREAKS

Morning Refreshments

12:00 p.m. - 1:00 p.m.

DATA SCIENCE

PRESENTATION / LIGHTNING TALK

Data Science in Diverse Industry Applications: Presentations

📍 General Assembly Theatre C Level Three GRBCC

Increasing Honesty in Airbnb Reviews

👤 Elena Grewal (Airbnb)
 ★ Beginner

Data Pipelines for Music Recommendations at Spotify

👤 Vidhya Murali (Spotify)
 ★ Intermediate

Using Rule Ensembles to Predict Credit Risk

👤 E. Diane Chang (Intuit)
 ★ Intermediate

How Do You Define User Value? A Data Science Story

👤 Irene Chen (Dropbox)
 ★ Intermediate

SESSIONS DAY 3: FRIDAY

12:00 p.m. - 1:00 p.m.

SOFTWARE ENGINEERING

PRESENTATION / LIGHTNING TALK

Software Engineering: Presentations

📍 362 A Level Three GRBCC

MongoDB Elastic and Hadoop The What When How

👤 Kimberly Wilkins (Rackspace; ObjectRocket)

★ Intermediate

AMS: Interfacing with and Tracking the Anton 2 Supercomputer

👤 Gennette Gill (D.E. Shaw Research)

★ Intermediate

A Cost-Benefit Analysis of Low Latency via Redundancy

👤 Sri Varsha Gorge (Salesforce.com)

★ Intermediate

DATA SCIENCE

PANEL

Spark It Up! Data Science at Scale Using Apache Spark

📍 351 A Level Three GRBCC

👤 Shivani Rao (Box), Stephanie Rogers (Pinterest), Vida Ha (DataBricks), Helena Edelson (DataStax), Kay Outershout (University of California, Berkeley)

★ Intermediate

CAREER

WORKSHOP

Managing Your Copyright Interests in the 21st Century

📍 310 D Level Three GRBCC

👤 Anne Dalton (Law and Mediation Firm of Anne Dalton)

★ All

CAREER

Speed Mentoring

📍 George Bush Grand Ballroom C Level Three GRBCC

CAREER

PRESENTATION / LIGHTNING TALK

Lean In Professional Session: Join LeanIn.Org and ABI to Experience the Power of Peers

📍 320 A Level Three GRBCC

👤 Ashley Finch (LeanIn.Org), Emily Koh (LeanIn.Org), Melissa Koch (Anita Borg Institute)

★ All

FACULTY

PANEL

Strategies for Creating Equitable and Effective Classrooms: Lessons from Feminism

📍 322 A Level Three GRBCC

👤 Ellen Spertus (Mills College), Judy Goldsmith (University of Kentucky), Gopinaath Kannabiran (Indiana University, Bloomington), Colleen Lewis (Harvey Mudd College)

★ All

CAREER

PRESENTATION / LIGHTNING TALK

Career: Presentations

📍 General Assembly Theatre A Level Three GRBCC

Bootstrapping To Success: Techniques For Growing a Business Without Investors

👤 Jody A. Vandergriff (WebDAM)

★ Senior Women and Mid-Career

How to Start a Business in 12 Hours

👤 Elizabeth Boese (StoryLifeLines.com)

★ Students, Mid-Career and Early Career

Building Traction: Starting a Technology Company

👤 Erin Parker (Spitfire Athlete)

★ Students and Early Career

5 Growth Hacks for Startups (Works for Big Biz!)

👤 Sandy Carter (IBM)

★ All

CAREER

BOF

A Fine Line – Balancing Motherhood and Career

📍 332 C Level Three GRBCC

👤 Lilit Yenokyan (Netflix), Carolyn Rowland (NIST), Jade Groen (Rockwell Collins), Katherine Lewis (Lawrence Livermore National Laboratory), Neetu Jain (IBM)

★ All

COMMUNITY

PANEL

Systems Pass-It-On To #Tech4Good

📍 332 A Level Three GRBCC

👤 Kayra Hopkins (Michigan State University), Zaza Soriano (Johns Hopkins University Applied Physics Laboratory (APL), Thogori Karago (LinkedIn), Ann-Marie Horcher (Nova Southeastern University)

★ All

ORGANIZATIONAL TRANSFORMATION

WORKSHOP

Interrupting Bias to Recruit, Advance and Retain Women in Technology

📍 Lanier Grand Ballroom A Level Four Hilton Americas

👤 Shilpa Pherwani (IBIS Consulting Group), Sheree Galpert (IBIS Consulting Group)

★ All

INTERNET OF THINGS/ EMERGING TECH

PRESENTATION / LIGHTNING TALK

IoT and Emerging Tech: Lightning Talks

📍 General Assembly Theatre B Level Three GRBCC

Sub-threshold Energy Harvesters for Biomedical Implants Applications

👤 Meriam Gay Bautista (Macquarie University)

SESSIONS DAY 3: FRIDAY

12:00 p.m. - 1:00 p.m.

★ Intermediate

Journey into Continuous Glucose Monitoring Technology as a Parent

👤 Anne Gentle (Rackspace)

★ Beginner

Energy Efficient Data Collection and Analysis in Wireless Sensor Networks

👤 Torsha Banerjee Das (Cisco)

★ Intermediate

Fundamental Questions for a Growing IoT Company

👤 Jane Nguyen (Jane Nguyen)

★ Beginner

Beacons: From Concept to Creation

👤 Aidymar Bigio (Facebook)

★ Intermediate

PRODUCTIZATION

PRESENTATION / LIGHTNING TALK

Program Management and Agile: Lightning Talks

📍 Lanier Grand Ballroom C Level Four Hilton Americas

Agility and Continuous Development

👤 Aravinda Gollapudi (Intuit)

★ Intermediate

1:00 p.m. - 2:30 p.m.

Lunch is available for purchase at the convention center. Most of the lunches listed here are available on a first come, first served basis and you are welcome to join.

LUNCHES AND RECEPTIONS

ACM-W Council Lunch

📍 360 C Level Three GRBCC

LUNCHES AND RECEPTIONS

Faculty Lunch

📍 350 D-F Level Three GRBCC

LUNCHES AND RECEPTIONS

Black Women in Technical Roles Lunch #ABIMEETUP

📍 Ballroom of the Americas F Level Two Hilton Americas

Engineers Do It Better. What Can Designers Learn From Them?

👤 Yvonne So (Intuit)

★ Beginner

Product Management from Monolith to SOA

👤 Lauri Hofherr (Groupon)

★ Intermediate

Do Enterprise Products get the Love They Deserve?

👤 Reshma Ananthakrishnan (Box)

★ Intermediate

Successful Productization through Effective Program Management

👤 Meng Chow (HP)

★ Beginner

OPEN SOURCE

PRESENTATION / LIGHTNING TALK

Open Source: Presentations

📍 370 A Level Three GRBCC

Node.js @ Paypal

👤 Poornima Venkatakrishnan (Paypal)

★ Intermediate

Engineering Professional Practices Within FLOSS Communities. An Oxymoron?

👤 Rosita Wachenchauser (Department of Engineering, National University of Tres de Febrero, Argentina; Department of Computer Science, School of Engineering, University of Buenos Aires, Argentina)

★ Intermediate

Design Considerations for Open Source Software Development

👤 Nileema Shingte (Facebook)

★ Intermediate

SPECIAL SESSIONS

PANEL

ABI.Local - Session 2: Lessons Learned from the First One Day Grace Hopper's Event in New York

📍 335 B-C Level Three Hilton Americas

👤 Linda Apsley (Time), Colin Bodell (Time), Lucille Mayer (BNY Mellon), Claudia Galvan (Anita Borg Institute)

LUNCHES AND RECEPTIONS

GHC Sponsors Lunch

📍 Ballroom of the Americas D-E Level Two Hilton Americas

LUNCHES AND RECEPTIONS

Lunchtime Table Topics

📍 Exhibit Halls B-C Level One GRBCC

Join us for interactive discussions during lunch! Some tables will have assigned topics and other tables will have open seating where you can choose a topic.

SESSIONS DAY 3: FRIDAY

2:30 p.m. - 3:30 p.m.

DATA SCIENCE

PRESENTATION / LIGHTNING TALK

Visualization-based Analytics: Presentations

📍 General Assembly Theatre C Level Three GRBCC

Visibility Into Endpoint Interactions With Tapestry

👤 Sandhya Narayan (Infoblox)
★ Intermediate

A Ranking Framework for Small Multiple Displays

👤 Anushka Anand (Tableau Research)
★ Intermediate

Discovering AMD Profiles Using Segmentation of OCT Images

👤 Susannah Go (University of Nebraska, Omaha)
★ Intermediate

SOFTWARE ENGINEERING

WORKSHOP

Reactive, Responsive and Real-Time: Building Mobile-ready Apps With Meteor

📍 342 A Level Three GRBCC

👤 Nitya Narasimhan (Meteor Hudson Valley)
★ Intermediate

DATA SCIENCE

PANEL

What's the Science in Data Science?

📍 362 A Level Three GRBCC

👤 Anna Smith (Rent the Runway), Claudia Perlich (Dstillery), Anshu Sinha (ZocDoc), Catherine Williams (AppNexus)
★ Intermediate

ARTIFICIAL INTELLIGENCE

PRESENTATION / LIGHTNING TALK

Artificial Intelligence: Lightning Talks

📍 351 A Level Three GRBCC

Auto-Scale Your Cloud Applications Using Machine-Learning

👤 Selvi Kadirvel (VMware)
★ Intermediate

Efficient Model Learning From Joint-Action Demonstrations for Human-Robot Collaborative Tasks

👤 Keren Gu (Massachusetts Institute of Technology)
★ Advanced

Identifying the Languages of Tweets

👤 Gianna Badiali (Twitter)
★ Intermediate

Visualizing Emotions from Informal Texts

👤 Calkin Suero Montero (University of Eastern Finland)
★ Intermediate

Searching Large Textual Dataset With Limited Computational Resources

👤 Anagha Kulkarni (San Francisco State University)
★ Advanced

Music Recommendations at Spotify

👤 Vidhya Murali (Spotify)
★ Intermediate

HCI

PRESENTATION / LIGHTNING TALK

HCI: Presentations

📍 361 A Level Three GRBCC

Building Empathy in Engineering Cultures

👤 Ramya Sethuraman (Facebook)
★ Beginner

Bridging the Cognitive Divide With Accessibility Standards

👤 Susann Keohane (IBM)
★ Beginner

Improving Accessibility Without Compromising Usability

👤 Miyeon Kim (LinkedIn)
★ Intermediate

CAREER

WORKSHOP

Come Hack With Us: A Hardware Hackathon at GHC!

📍 310 D Level Three GRBCC

👤 Stacie L. Hibino (Samsung Research), Anna Billstrom (PickAxe Mobile LLC)
★ All

CAREER

PANEL

Women in Computing Societies at University

📍 320 A Level Three GRBCC

👤 Elizabeth F. H. Phillips (University of Oxford), Bushra A. Alahmadi (King Saud University), Kate Isaacs (University of California, Davis), Larissa Romualdo Suzuki (University College London), Marily Nika (Imperial College; Google)
★ Students and Early Career

FACULTY

PRESENTATION/LIGHTNING TALK

Denice Denton Emerging Leader and A. Richard Newton Educator ABIE Award Winners #ABIEWINNER

📍 322 A Level Three GRBCC

The Best Piece of Advice You've Ever NOT Gotten

👤 Lydia Tapia (University of New Mexico)

Innovative Teaching Practices to Attract Girls and Women to Computing

👤 Joanne Cohoon (University of Virginia)

SESSIONS DAY 3: FRIDAY

2:30 p.m. - 3:30 p.m.

CAREER

PANEL

Lead the C-Suite: Women Entrepreneurs

📍 General Assembly Theatre A Level Three GRBCC

👤 Danielle Strachman (1517 Fund), Marcella Jewell (Ant Hill), Linda Maepa (ElectronVault), Elissa Shevinsky (JeKuDo)
★ Students and Early Career

CAREER

BOF

#TechAtAnyAge: Sharing Success Strategies for Every Phase in Your Career

📍 332 C Level Three GRBCC

👤 Carol Maddren Schofield (ThoughtWorks), Roseanne Malfucci (ThoughtWorks), Alaina Percival (Women Who Code), Rosalie Tolentino (ThoughtWorks, Holly Bowen (ThoughtWorks)
★ All

CAREER

Speed Mentoring

📍 George Bush Grand Ballroom C Level Three GRBCC

2:30 p.m. - 5:00 p.m.

SPECIAL SESSIONS

Documentary—Once And For All

📍 Lanier Grand Ballroom K Level Four Hilton Americas

3:30 p.m. - 4:00 p.m.

BREAKS

Afternoon Refreshments

COMMUNITY

PANEL

Leading Global Impact through Open Source

📍 332 A Level Three GRBCC

👤 Nicki Hutchens (FedEx), Sandi Giver (Peace Corps), Finda Ogburu (Uplift Education), Patrick Choquette (Peace Corps), Shelia Campbell (Peace Corps)

ORGANIZATIONAL TRANSFORMATION

PRESENTATION / LIGHTNING TALK

The Power in Numbers: Inspiring & Measuring Change for Women

📍 Lanier Grand Ballroom C Level Four Hilton Americas

👤 Michelle Leahy (Anita Borg Institute)
★ All

PRODUCTIZATION

PANEL

Approaching Innovation: Methods and Perspectives from Across Tech

📍 Lanier Grand Ballroom A Level Four Hilton Americas

👤 Jocelyn Ross (Stripe), Reshma Khilnani (Box), Elena Grewal (Airbnb), Ellie Powers (Google), Cristina Scheau (Facebook)
★ Intermediate

INTERNET OF THINGS/ EMERGING TECH

BOF

Your Toasters, TVs and Printers: Who Do They Belong To?

📍 General Assembly Theatre B Level Three GRBCC

👤 Roshni Chandrashekar (Google), Hadas Shahar (Google), Kaliya Hamlin (IIW)
★ Beginner

OPEN SOURCE

WORKSHOP

Use More Free and Open Source Software at Work

📍 370 A Level Three GRBCC

👤 Deb Nicholson (Open Invention Network), Andrea Casillas (Open Invention Network)
★ Intermediate

SESSIONS DAY 3: FRIDAY

■ 4:00 p.m. - 5:00 p.m.

GENERAL SESSIONS

PRESENTATION / LIGHTNING TALK

Friday Afternoon Plenary

Hear from the always-inspiring Telle Whitney, Anita Borg Institute President and CEO. iLuminate kicks off the Friday festivities with a glowing performance.

📍 Halls D-E Level One GRBCC

👤 Telle Whitney (Anita Borg Institute President and CEO)

■ 5:00 p.m. - 5:30 p.m.

BREAKS

Break

■ 5:30 p.m. - 6:30 p.m.

GENERAL SESSIONS

ABI Communities

📍 Lanier Grand Ballroom G Level Four Hilton Americas



6:30 p.m. - midnight

Friday Night Celebration

Our Time to Celebrate!
Cap off GHC 2015 with a night to remember and revel with friends, old and new!

📍 TBA

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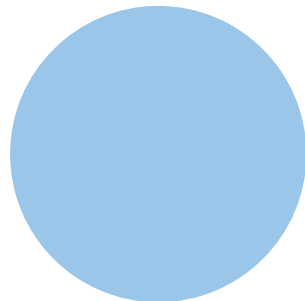
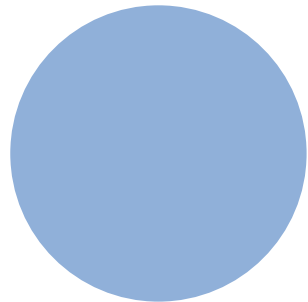
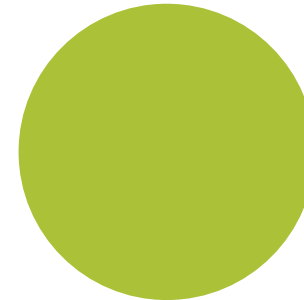
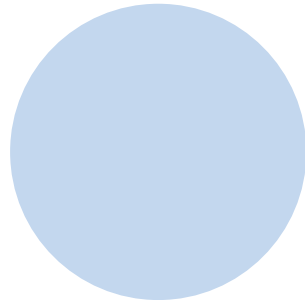
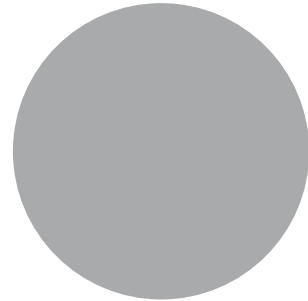


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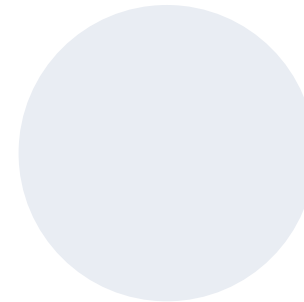
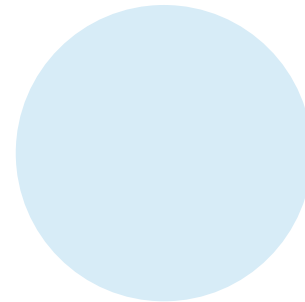
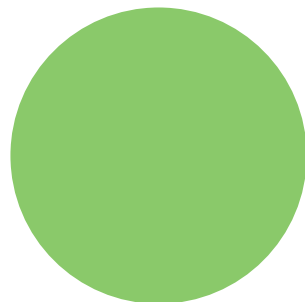
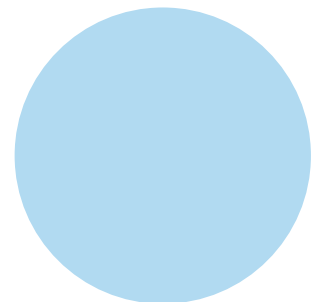
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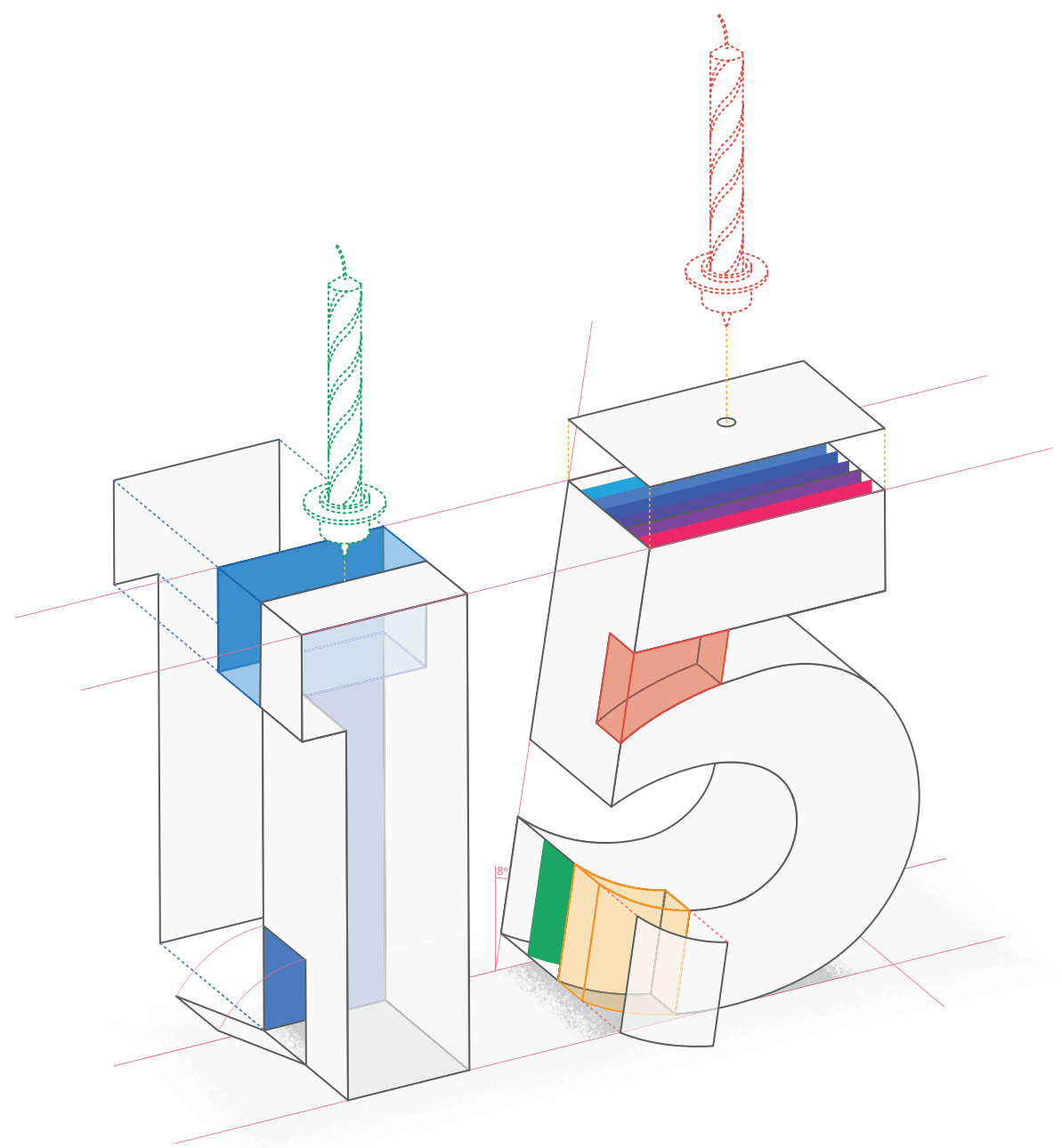
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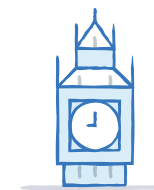
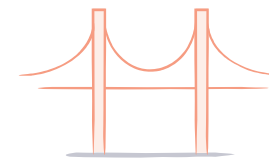
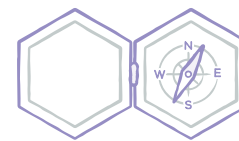
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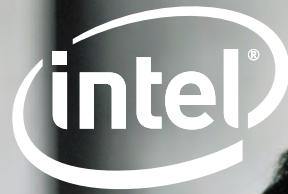
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    showUploadInput: true,
    hideUploadButton: true
  }, function postDustRender(err, out) {
    if (err) {
      console.log(err);
    }
    $resumeFileUploadContainer.html(out);
  });
});

$resumeUploadForm.on('mpr-upload-success', resumeUploadSuccess);
$resumeUploadForm.on('mpr-upload-error', resumeUploadError);

// Delegate out the actions since we redraw the contents in the container
$resumeFileUploadContainer.on('click', 'button.remove-resume', removeUploadedRes);
$resumeFileUploadContainer.on('change', SELECTOR_RESUME_FILE_INPUT, resumeInputC
```

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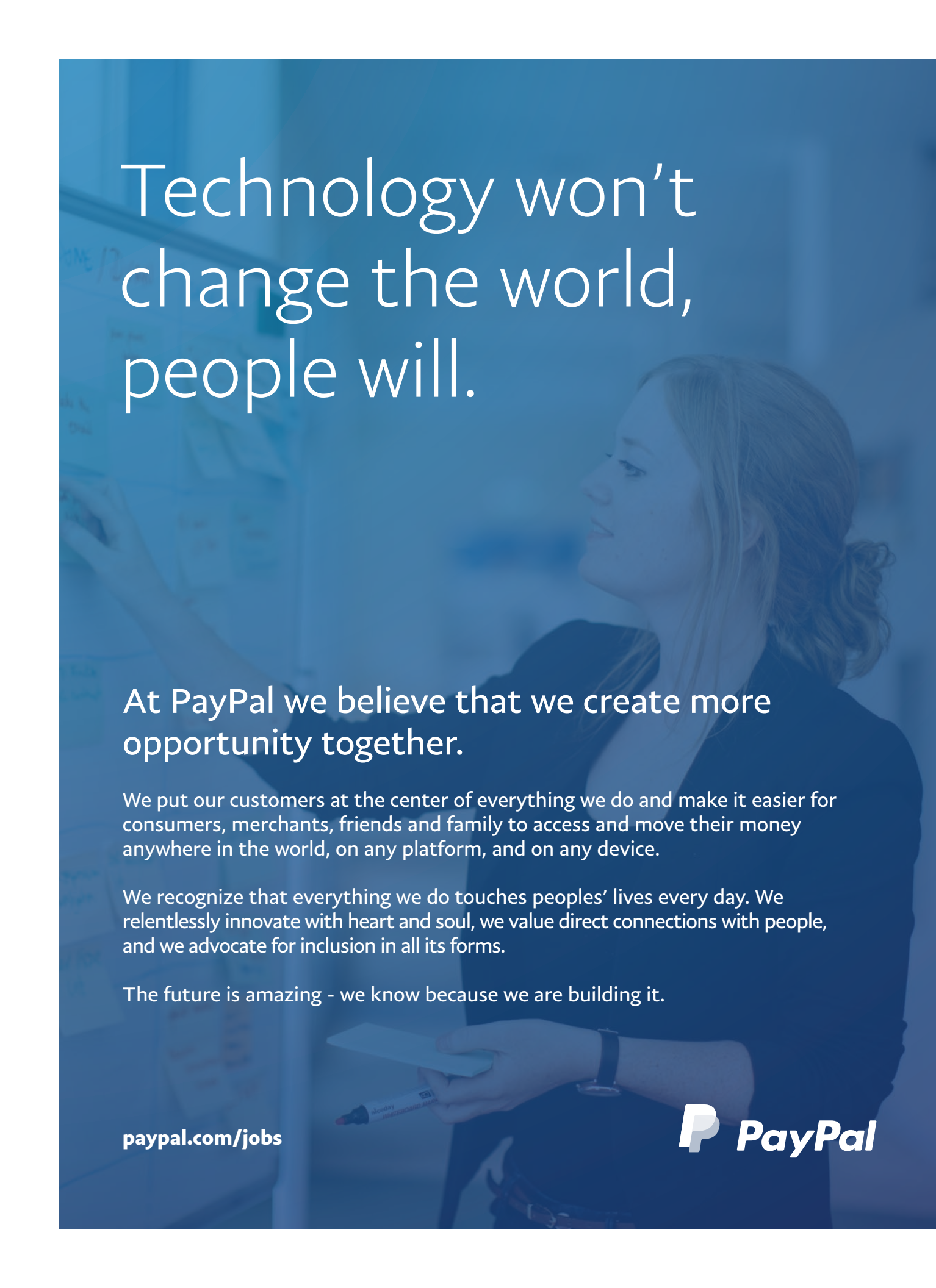
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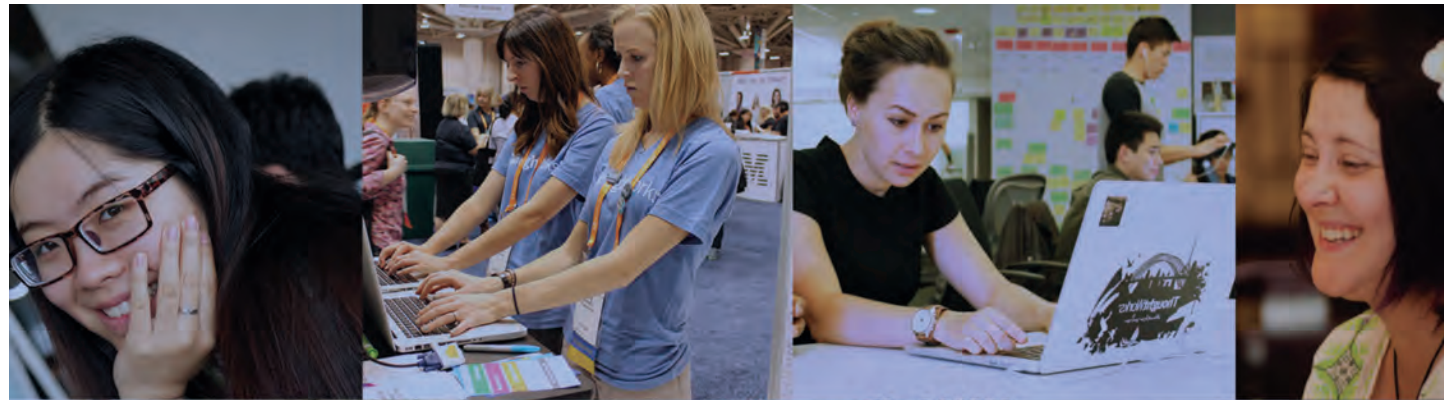
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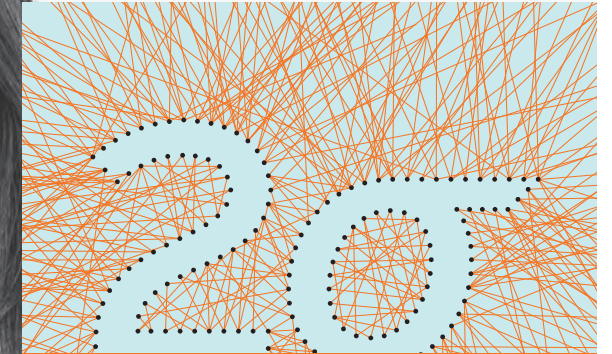
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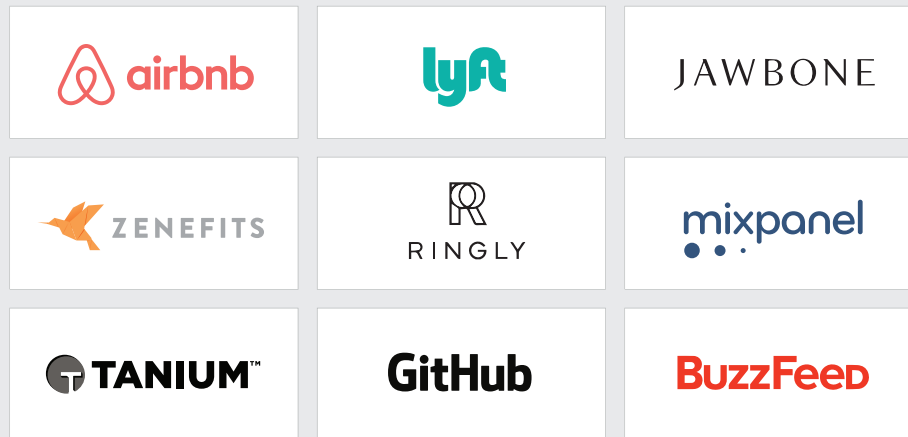
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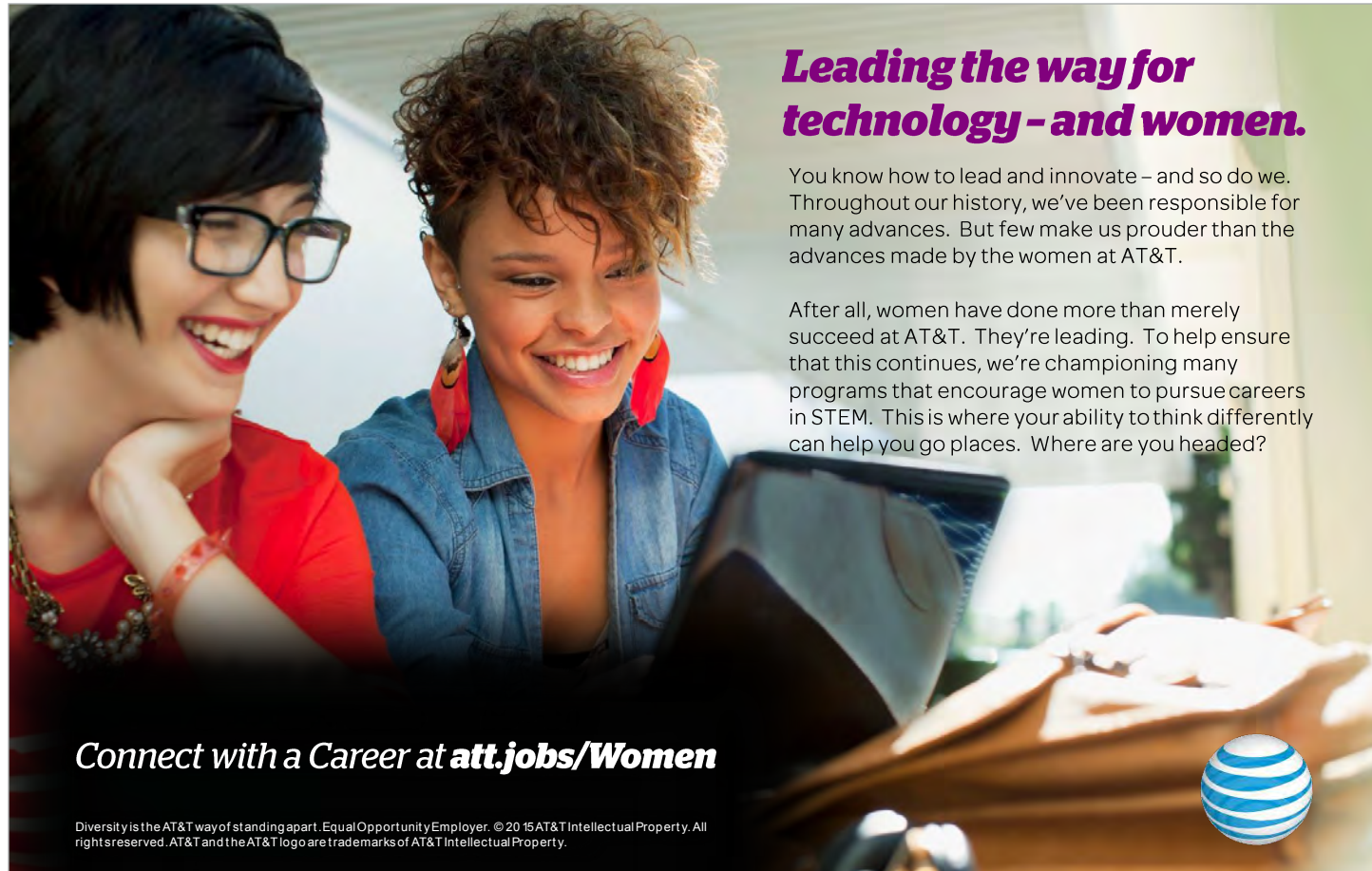
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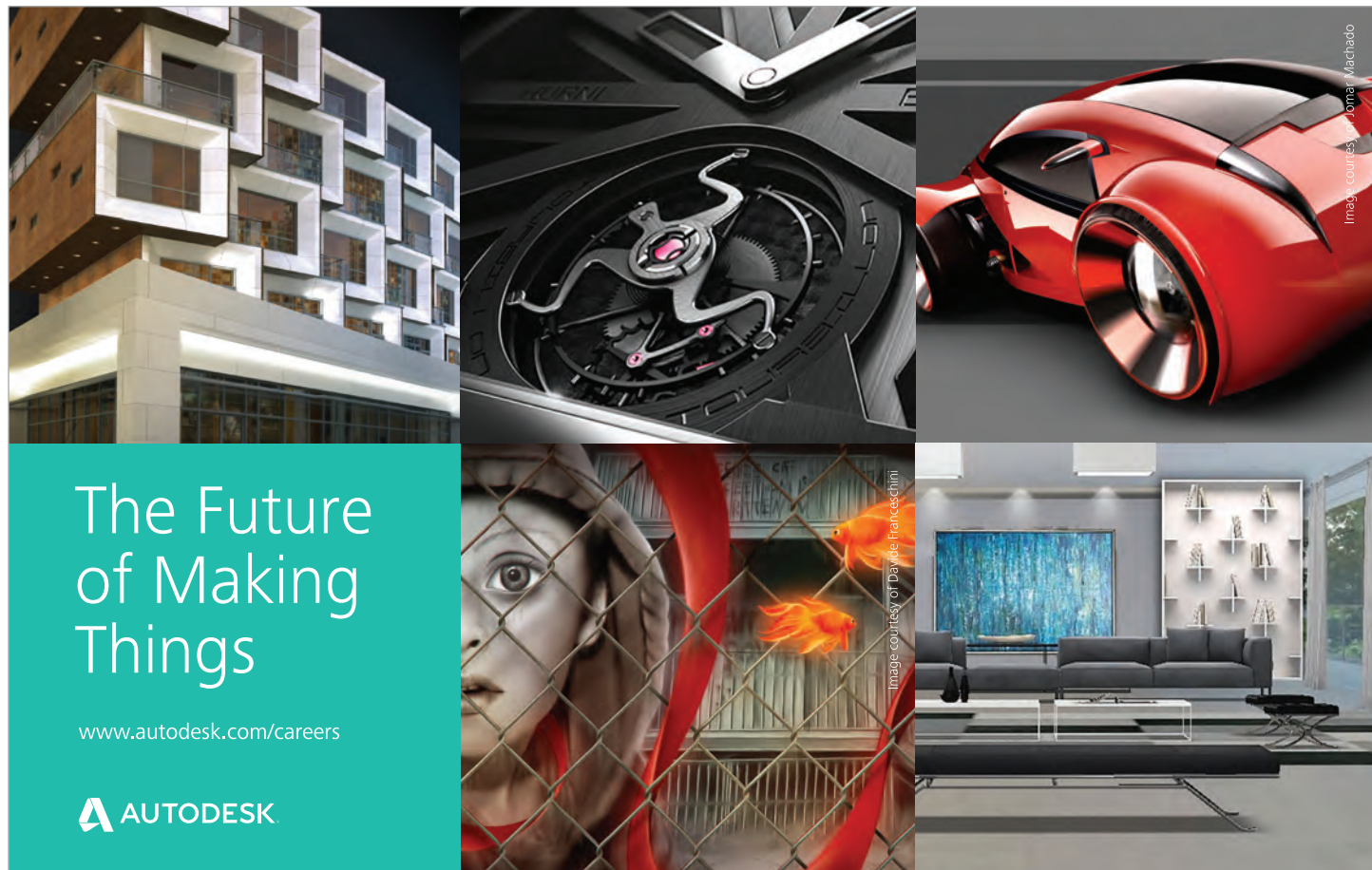


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```
var humans['all'] = [  
  
'(o^-^o)' , '\(.-.)/' , '[ o_o ]' , '~(°-°~)' ,  
  
'[ ö ]' , '\|°v°|/' , '{^•^}' , '§(~~)§' ,  
  
'(•[•~)' , '|~•_•|' , '(~~~ε)' , '/_•\ ' ];  
  
$braintree.include(humans['all']);
```

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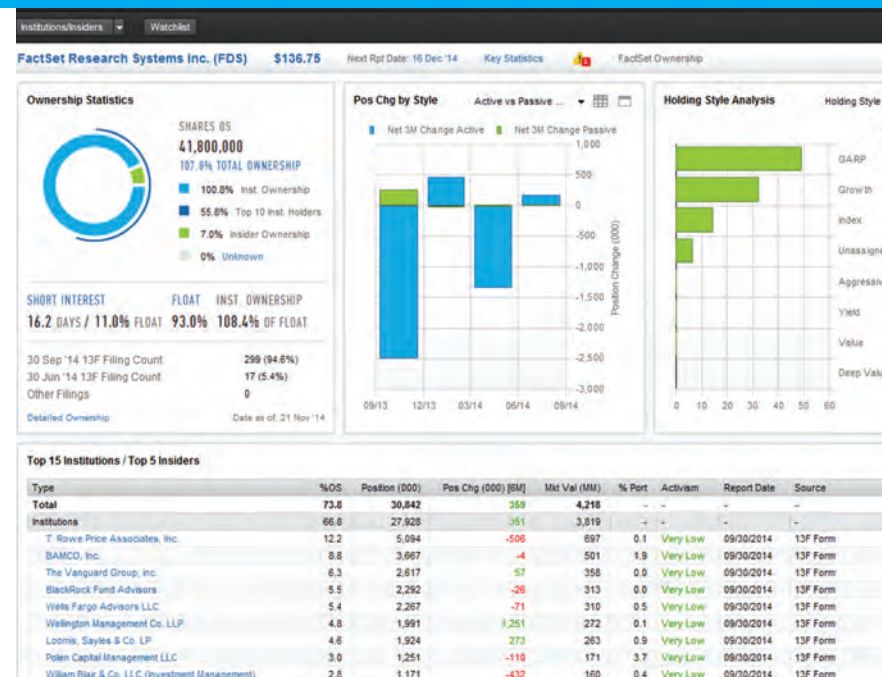
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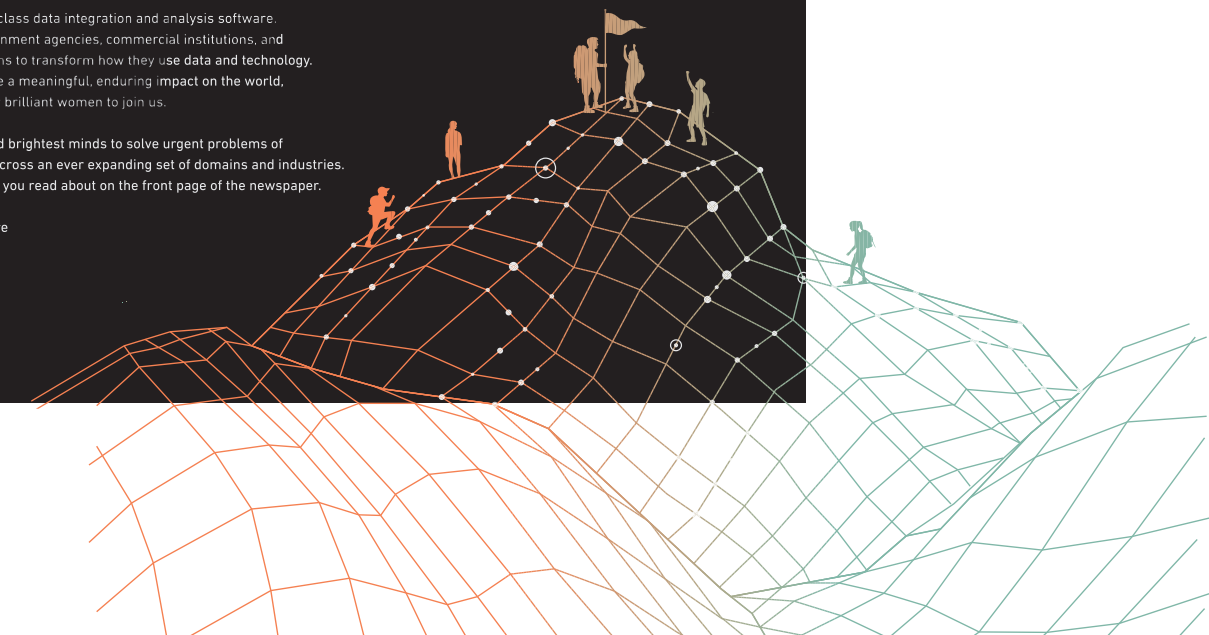
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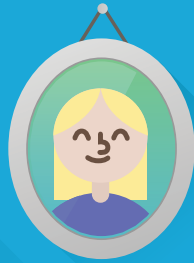
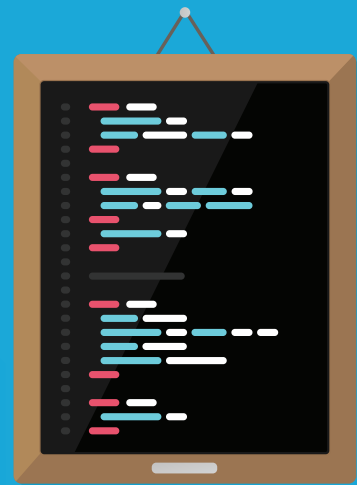
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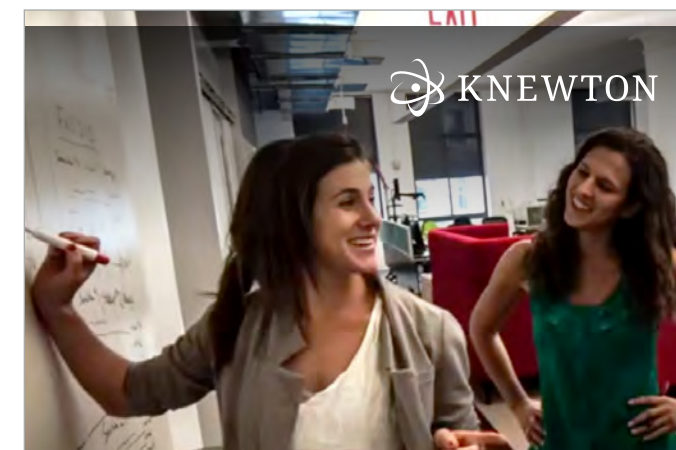
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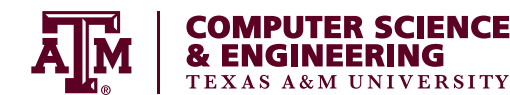
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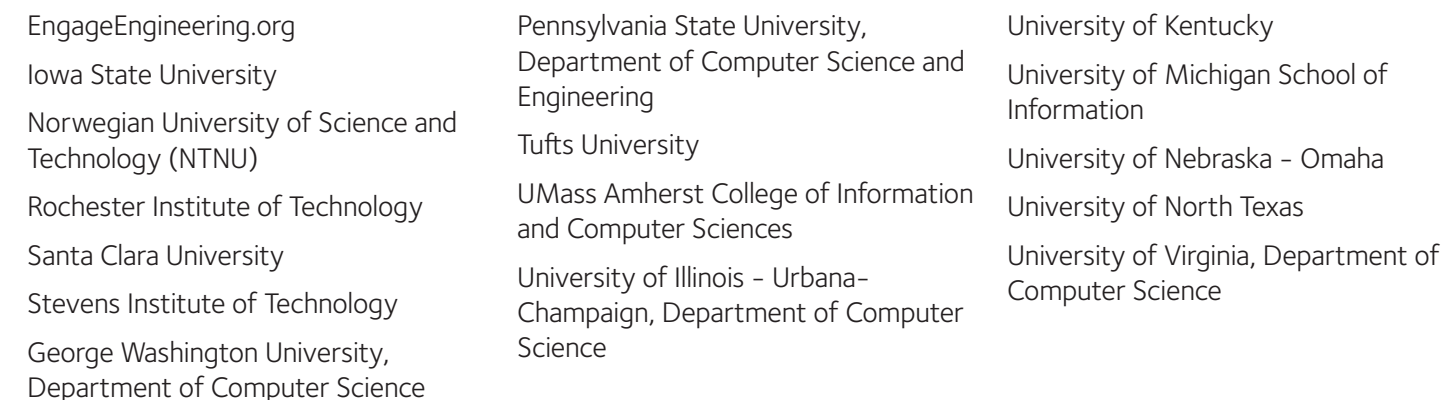
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PICTURED ABOVE: Maria Klawe (President, Harvey Mudd College), Megan Smith (Chief Technology Officer, United States of America) and Telle Whitney (President & CEO, Anita Borg Institute) at the 2014 Grace Hopper Celebration of Women in Computing

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- Increase your competitiveness

RAISE YOUR TECHNOLOGY INNOVATION QUOTIENT

What's your Tech I.Q.? ABI provides research, insights, and benchmarking that help organizations attract women in technology to build balanced teams and accelerate innovation.

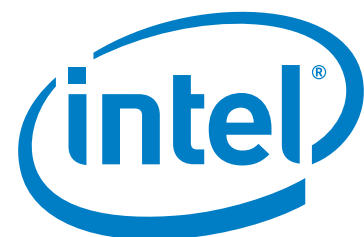
- Find out your Tech I.Q. by participating in *ABI Top Companies for Women Technologists*. ABI is committed to increasing the percentage of women in technology roles, and to that end, we measure what matters. Know where you stand. Find out how you rate on attracting, retaining and advancing women in technology roles. Know your strengths and discover which areas you need to improve on.
- Learn how the *ABI Top Companies of 2015* are upping their Tech I.Q.

HONE YOUR STRATEGY

Design your workforce for peak performance. ABI provides guidance on how to find, empower, and advance women in technology roles.

- Discover solutions for retaining women in technical roles
- Nominate a woman from your organization for an *ABIE award*
- Contact us about how we can consult with you directly
- Look for our new white paper on Advancement at anitaborg.org/insights-tools/

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Grace Hopper Celebration of Women in Computing

2015 Addendum

New Sessions

Wednesday, October 14

Fun With Machine Learning! (Tech Node)

1:00 p.m. - 3:00 p.m.

371 A - C Level Three GRBCC

Jennifer Marsman (Microsoft), Lauren Tran (Microsoft)

Student Node

10:00 a.m. - 8:00 p.m.

Balcony D, Level Two, GRBCC

Thursday, October 15

Fun With Machine Learning! (Tech Node)

11:00 a.m. - 1:00 p.m.

371 A - C Level Three GRBCC

Jennifer Marsman (Microsoft), Lauren Tran (Microsoft)

LGBTQ-A Lunch

1:00 p.m. - 2:30 p.m.

Lanier Grand Ballroom J-K Level Four Hilton Americas

Corrections and Modifications

Wednesday, October 14

Empowering Workers Using Machine Intelligence (Tech Node)

1:00 p.m. - 3:00 p.m.

371 D - F Level Three GRBCC

Mary Hamilton (Accenture Technology Labs), Tracy Hammond (Texas A&M University)

Student Opportunity Lab: CRA-W: How to Successfully Apply to Graduate School

10:30 a.m. - 1:00 p.m.

Hall A3 Level Three GRBCC

Dilma Da Silva (Colorado School of Mines), Katie Siek (Colorado School of Mines), Devika Subramanian (Colorado School of Mines)

Student Opportunity Lab: CRA-W: Is Graduate School for You?

10:30 a.m. - 1:00 p.m.

Hall A3 Level Three GRBCC
Elodie Fourquet (Colgate University)

Student Opportunity Lab: The Internship Decision: Finding the One for You

10:30 a.m. - 1:00 p.m.

Hall A3 Level Three GRBCC
Veni Johanna (Quora), Victoria Lai (Palantir Technologies)

The Cloud: Releasing Software Into Controlled Chaos

10:30 a.m. - 11:30 a.m.

Lanier Grand Ballroom A Level Four Hilton Americas
Kate Gentry (Salesforce.com), Eugene Boguslavsky (Facebook), Nicole Santiago (Honeywell), Geraldine Gray (Endiem)

Open Source Day: Code-a-thon for Humanity (By RSVP Only)

10:30 a.m. - 5:00 p.m.

350 D, 350 E, 350 F, 360 A, 360 C Level Three GRBCC
Tony Surma (Microsoft Disaster Response), Rosario Robinson (Anita Borg Institute), Raymond Cheng (UProxy), Lucy He (UProxy), Salome Vakhtangadze (UProxy), Carol Willing (FabLabs; Python Software Foundation), Emma Irwin (Mozilla), Egle Sigler (OpenStack), Dana Bauer (OpenStack), Rachel Leventhal (Women's P2P), Suzy Tonini (Cloudera)

After the Grace Hopper Celebration: Building and Sustaining Community

12:00 p.m. - 1:00 p.m.

320 A Level Three GRBCC
Arezoo Miot (TechWomen), Josephine Ndambuki, Rosario Robinson (Anita Borg Institute), Alaa Fatayer (Jawwal), Jody Mahoney (Anita Borg Institute)

Design for All

12:00 p.m. - 1:00 p.m.

361 A Level Three GRBCC
Robin N. Brewer (Northwestern University), Deana Brown (Georgia Institute of Technology), Shari Trewin (IBM), Ramya Sethuraman (Facebook)

Diversify Your Hiring Pipeline: A How-to Guide

12:00 p.m. - 1:00 p.m.

Lanier Grand Ballroom C Level Four Hilton Americas
Joelle Emerson (Paradigm), Mimi Fox Melton (CODE2040), Michelle McHargue (Cowboy Ventures), Caroline Simard (Clayman Institute for Gender Studies, Stanford University), Kieran Snyder (Textio)

CRA-W Grad Students: Finding a Research Topic

2:15 p.m. - 3:15 p.m.

322 A Level Three GRBCC

A.J. Brush (Microsoft Research), Valerie Taylor (Texas A&M)

CRA-W: What's Next? Career Success Post-Tenure

2:15 p.m.-3:15 p.m.

332 C Level Three GRBCC

Jan Cuny (National Science Foundation), Mary Lou Soffa (University of Virginia)

Meetup Celebrating LGBTQ in Technical Roles

6:30 p.m.-9:00 p.m.

Ballroom of the Americas F Level Two Hilton Americas

POSTER SESSION: SPARQL Query Optimization Using Cardinality Estimates

6:30 p.m.-9:00 p.m.

Praveen Rao (University of Missouri – Kansas City)

Thursday, October 15

#WomenInTech Lead Through Systerhood

10:30 a.m.-11:30 a.m.

332 A Level Three GRBCC

Rosario Robinson (Anita Borg Institute), Pamela Vickers (Blue Bottle Coffee), Natalie Villalobos (Google), Carol Willing (FabLabs; Python Software Foundation)

Identity & Access Management: Who is Touching What?

10:30 a.m.-11:30 a.m.

361 A Level Three GRBCC

Laura Chapa (Bank of America)

Leading the Next Generation: Anna and Elsa Make Technology Fun

12:00 p.m.-1:00 p.m.

332 A Level Three GRBCC

Ann-Marie Horcher (Nova Southeastern University), Barbara Hewitt (Texas State University), Stephanie Taylor (Google)

Green Data Centers

12:00 p.m.-1:00 p.m.

340 A Level Three GRBCC

Heather Clancy (GreenBiz), Jennifer Fraser (Twitter), Christina Page (Yahoo!), Rachel Peterson (Facebook)

Women Tech Leaders in Government

2:30 p.m.-3:30 p.m.

332 A Level Three GRBCC

Kathy Pham (U.S. Digital Service), Audrey Chen (Consumer Financial Protection Bureau), Sheila Campbell (Peace Corps), Sarah Allen (18F), Vivian Graubard (U.S. Digital Service)

Empowering Workers Using Machine Intelligence (Tech Node)

3:00 p.m.-5:00 p.m.

371 D – F Level Three GRBCC

Mary Hamilton (Accenture Technology Labs), Tracy Hammond (Texas A&M University)

Friday, October 16

Documentary—CODE: Debugging the Gender Gap

10:00 a.m.-1:00 p.m.

Lanier Grand Ballroom K Level Four Hilton Americas

Robin Hauser Reynolds (Producer/Director), Auguste Goldman (GoDaddy)

Student Opportunity Lab: **Checking out a Career in Cybersecurity?**

10:30 a.m.-1:00 p.m.

Hall A3 Level Three GRBCC

Tolu Onireti (Cisco), Lisa Bobbitt (Cisco), Alka Gupta (Cisco), Sunitha Kumar (Cisco)

Coding as a Second Language: Nontraditional Paths to Software Engineering

10:30 a.m.-1:00 p.m.

Hall A3 Level Three GRBCC

Stephanie Chou (AppDynamics), Stella Cotton (Indiegogo)

Student Opportunity Lab: **Cyber Security - It's THE Place to Be**

10:30 a.m.-1:00 p.m.

Hall A3 Level Three GRBCC

Rinki Sethi (Intuit)

Student Opportunity Lab: **Coding as a Second Language: Nontraditional Paths to Software Engineering**

10:30 a.m.-1:00 p.m.

Hall A3 Level Three GRBCC

Stella Cotton (Indiegogo), Stephanie Chou (AppDynamics), Ashley Lorden (Lyft)

Change Agent and Social Impact ABIE Award Winners

10:30 a.m.-11:30 a.m.

340 A Level Three GRBCC

María Celeste Medina and Mai Abualkas Temraz, *2015 Winners of the Change Agent ABIE Award*

Michal Segalov and Daniela Rajjman, *2015 Winners of the Social Impact ABIE Award*
Moderator: Beth Garriott (Women Enhancing Technology; Institute of International Education)

Queer Women in Technology

10:30 a.m. - 11:30 a.m.

Lanier Grand Ballroom C Level Four Hilton Americas

Caroline Clark (Atlassian), Dominique DeGuzman (Twilio), Leanne Pittsford (Lesbians Who Tech)

ABI.Local - Session 1: Building an ABI.Local Community From Scratch

10:30 a.m. - 12:00 p.m.

335 B-C Level Three Hilton Americas

Sejal Amin (Thomson Reuters), Sinead Strain (Goldman Sachs), Claudia Galvan (Anita Borg Institute)

Spark it Up! Data Science at Scale using Apache Spark

12:00 p.m. - 1:00 p.m.

351 A Level Three GRBCC

Shivani Rao (Box), Stephanie Rogers (Pinterest), Vida Ha (DataBricks), Juliet Houglund (Cloudera), Kay Outershout (University of California, Berkeley)

Denice Denton Emerging Leader and A. Richard Newton Educator ABIE Award Winners

2:30 p.m. - 3:30 p.m.

322 A Level Three GRBCC

The Best Piece of Advice You've Ever NOT Gotten, Lydia Tapia (University of New Mexico)

Innovative Teaching Practices to Attract Girls and Women to Computing, Lecia Barker (University of Texas, Austin)

Withdrawn Sessions

Wednesday, October 14

Lightning Talk: Authenticity 2.0: Your Story as a Unique Access to Leadership

10:30 a.m. - 11:30 a.m.

Student Opportunity Lab: The Art of Networking

10:30 a.m. - 1:00 p.m.

Posters

6:30 p.m. - 9:00 p.m.

- What Factors Dictate Preservation of a Ligand's Bound Pose?
- Roadside Caching Assistance for Vehicle-Based Information Services
- Authentication of k Nearest Neighbor Queries in the Obstructed Space
- Protecting Genomic Privacy in Medical Tests using Distributed Storage

- Multi-granular Aggregation of Network Flows for Security Analysis
- A Weakly Supervised Framework for Data Stream Filtering and Summarization
- Prevent Cybercrime Against Women Through Hybrid Cloud Security System
- Efficient Cloud-based Data Reliability Solution for WBANs
- Computerized Pregnancy Educational Toolkits for Adolescent Girls
- The TagAdvisor: Luring the Lurkers to Review Web Items
- Energy-based Lifetime Maximization of Wireless Sensor Networks with Non-ideal-battery Models
- Intelligent Intrusion Detection System in Cloud
- Adaptive Buffer Resizing for Efficient Streaming Data Anonymization
- Depth Motion Coding Exploiting Spatial, Intercomponent Correlation Between Motion Vectors
- Possible Solution Approach for Safe Social Networking: Perspective of Bangladesh
- Inconsistencies in Hybrid Knowledge Bases
- MicroTS: Tissue-Specific MicroRNA Target Prediction With Application to Breast Cancer
- A Novel Approach to Spellchecking

Thursday, October 15

Lightning Talk: Caching-Assisted Access to Vehicular Resources in the IoT Era

2:30 p.m.-3:30 p.m.

Friday, October 16

ABI.Local Session 2: Lessons Learned From the First One Day Grace Hopper's Event in New York

12:00 p.m.-1:00 p.m.

Lightning Talk: 5 Growth Hacks for Startups (Works for Big Biz!)

12:00 p.m-1:00 p.m.

Student Opportunity Lab: Design for Secure Testability (DFST)

10:30-1:00 p.m.

Career and Community Fair Guide Additions

Internet Society ISOC

Career Fair Booth Number: S18

Main Website: www.internetsociety.org

Career Website: <http://www.internetsociety.org/fellows-ietf>

Description: The Internet Society is the trusted independent source for Internet information and thought leadership around the world. It is also the organizational home for the Internet Engineering Task Force (IETF). With its principled vision, substantial technological foundation and its global presence, the Internet Society

promotes open dialogue on Internet policy, technology, and future development among users, companies, governments, and other organizations. Working with its members and Chapters around the world, the Internet Society enables the continued evolution and growth of the Internet for everyone.

Specific Roles for Hiring: The Internet Engineering Task Force is the world's premier open Internet standards-development body. The Internet Society Fellowship to the IETF is available to technology professionals, advanced IT students, and other qualified individuals from developing and emerging economies. Fellowships are available for each of the three IETF meetings held each year

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The Grace Hopper Celebration (GHC) of Women In Computing Conference was co-founded by Dr. Anita Borg and Dr. Telle Whitney in 1994, inspired by the legacy of Admiral Grace Murray Hopper. GHC brings together the best minds in computing, and increases visibility for the contributions of women to computing. It is produced by the Anita Borg Institute and co-presented by the Association of Computing Machinery (ACM).