

MINKWIC 2017 Program Schedule

Friday, November 3

Note: Unless otherwise noted, rooms for breakout sessions are listed by track

Time	Track 1 - Academic	Track 2 - General	Track 3 - Technical
Track Room	Meeting Place 2 and 3	City Center A	City Center B
12:00 – 5:00 pm	Registration (Pre-function Space)		
1:30 – 1:50 pm	Opening Session, City Center C and D		
2:00 – 2:50 pm	Poster Contest (Pre-function Space)	Panel: <i>Exploring Careers</i>	<i>On Direct Communication Methods: from Smart City IoT Applications to Space Missions</i>
3:00 – 3:50 pm		<i>The genetic link between finger length and brain function: How hands indicate capabilities</i>	<i>What is Data Science?</i>
4:00 – 4:50 pm	<i>Beyond Diversity: The Keys to Successful Recruitment, Retention and Ascension of Quality Women and Minorities in Computer Science</i> * For faculty and educators	Resume Workshop * Bring a hard copy of your resume	<i>Coding Collaboration with Git</i> * Bring a laptop or partner with someone who has one
5:00 – 5:50 pm	DIY School photos, room key hand-out		
6:00 – 7:00 pm	Buffet Dinner (Banquet Hall)		
7:00 – 8:00 pm	Keynote Speaker: Dr. Jakita Thomas, Auburn University (Banquet Hall) <i>Supporting Computational Algorithmic Thinking: Exploring Social Change and Complex Cognitive Capability Development...</i>		
8:00 – 9:30 pm	Networking! (Banquet Hall) ** If you have business cards please bring them!		

Note: [...] means the description has been cut off to fit. Please see minkwic.org/program/schedule/ for full descriptions.

Panel: Exploring Careers

2:00 pm City Center A

The field of technology is expansive with many different career paths. It encompasses engineers, designers, researchers, inventors, entrepreneurs, educators, and you! Come listen to our panelists and find out what cool things you can do too!

Tech Talk: On Direct Communication Methods: from Smart City IoT Applications to Space Missions

2:00 pm City Center B

We are at a point in society where the world around us is deeply embedded with smart objects that are wirelessly connected to each other and eventually through the Internet. IoT is attracting huge interest from both academia and industry, and most of the things in our life are likely to get connected in the near future. At the core of the current IoT technologies, is the communication through radio frequency, [...]

Tech Talk: The genetic link between finger length and brain function: How hands indicate capabilities

3:00 pm City Center A

There is a neuroscientific link between the way our hands are formed in utero and the way our brains function. By recognizing these important hand configurations, you can modify your approach with peers and employees for better outcomes. This fun and informative session uses humor, technology, and science to call attention to a little-known correlation in the human body. [...]

Tech Talk: What is Data Science?

4:00 pm City Center B

You have likely heard the term, Data Science, but what does it mean? In this presentation you will learn about Data Science and Analytics. Discover not only the definitions but what it takes to be successful in roles that support it and some use cases to help you understand real world application. All industries are looking for talent in this space, come see if this is a career fit for you!

Tech Talk: Beyond Diversity: The Keys to Successful Recruitment, Retention and Ascension of Quality Women and [...] 4:00 pm Meeting Place 2/3

Women, especially those who identify as racial and/or ethnic minorities, account for a small fraction of scientists, technologists, engineers and mathematicians (STEM). Even though recent reports from the U. S. Bureau of Labor Statistics (January 2017) point to 8.6 million STEM jobs in the current workforce, racial and gender gaps still exist. Many pipeline agencies of the U.S. STEM workforce, [...]

Workshop: Resume Workshop

4:00 pm City Center A

Bring a hard copy of your resume and a pencil because we are going back to the basics. We will cover tips and tricks to get your resume spic and span. We will practice doing handshakes, eye contact, and introducing yourself. You'll walk away from this workshop feeling confident for your next interview.

Tech Talk: Coding Collaboration with GIT

4:00 pm City Center B

In this workshop, participants will learn how to use professional, industry-standard tools for code collaboration. With a series of easy lessons, participants will learn how to get set up with modern tools for collaboration and learn how to pull down their own copy of publicly available code. In addition, participants will learn how to manage their personal software projects with free cloud storage and [...]

Saturday, November 4

Time	Track 1 - Academic	Track 2 - General	Track 3 - Technical
Track Room	Meeting Place 2 and 3	City Center A	City Center B
8:00 - 10:00 am	Conference Registration (Pre-function space)		
7:00 - 8:30 am	Breakfast (Hotel Breakfast Area)		
8:30 - 8:50 am	Opening Session (Banquet Hall)		
9:00 - 9:50 am	Lightning Talks	Panel: Imposter Syndrome	Swift: From Algorithm to App in Record Time
10:00 - 10:50 am	Lightning Talks	Panel: The Diversity Panel	An Introduction to Cross-Platform Apps using Microsoft Xamarin
11:00 - 11:50 am	Graduate Research Presentations	Panel: Is Graduate School Right for Me?	Pursuing a Passion Project: Struggles and Successes
12:00 - 1:00 pm	Lunch (Banquet Hall)		
1:00 - 1:50 pm	Keynote Speaker : Jeanne Johnson, Microsoft Corporation <i>Always on. Stories and advice from a lifetime as a minority in technology</i> (Banquet Hall)		
2:00 - 3:50 pm	Career Fair (Pre-function Space)		

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Lightning Talks

9:00 am and 10:00 am Meeting Place 2/3

See minkwic.org/program/lightning-talks/ for descriptions.

9:00 am - 3D Printing: The New Game Changer, Amazing women, Creativity in Computer Science, Forming Your Own Special Interest Group

10:00 am - Expanding the NASA PVS Libraries, How to mitigate input attack using firewall, Start Something: What It Takes to Create and

Maintain a Student Organization, Xstreaming Fitness: Internship Experience

Panel: Imposter Syndrome

9:00 am City Center A

This panel addresses confidence problems that women often have upon entering the computing field. Many young women starting out in undergraduate computing majors believe that they are not as qualified as men. The panelist will openly share stories about their confidence problems, especially their original belief that they were not as qualified as men.

Tech Talk: Swift: From Algorithm to App in Record Time

9:00 am City Center A

In an action-packed presentation, participants will learn about the creation and evolution of Swift, an open-source language that is used to power iOS (among other platforms). Learn why you might want to add this language to your repertoire, and see how it can be used to create apps in record time!

The Diversity Panel

10:00 am City Center A

This year's conference focus is the importance of diversity. Our panelists will talk about what diversity, equality, and inclusivity means to them. Hear their stories about times they persevered through situations of inequality and exclusion.

Tech Talk: An Introduction to Cross-Platform Apps using Microsoft Xamarin

10:00 am City Center B

When considering how to build iOS and Android applications, many people think that the native languages, Objective-C, Swift, and Java, are the only choice. However, over the past few years, an entire new ecosystem of platforms for building mobile applications has emerged.

Xamarin is unique in this space by offering a single language – C#, class library, and runtime that works across all three mobile [...]

Graduate Research Presentations

11:00 am Meeting Place 2/3

See minkwic.org/program/graduate-research-presentations/ for descriptions.

High-Density Clients Lead to Wi-Fi Upgrade, High-Density Clients Lead to Wi-Fi Upgrade, High-Density Clients Lead to Wi-Fi Upgrade,

Improved Triangle Counting in Graph Streams: Power of Multi-Sampling

Panel: Is Graduate School Right for me?

11:00 am City Center A

Have you been thinking about going to graduate school? Interested in expanding your knowledge, delving into the specifics of a topic, or contributing new research to the field of technology? Come learn about how to get in to graduate school, what it's like, and your career after graduating.

Tech Talk: Pursuing a Passion Project: Struggles and Successes

11:00 am City Center B

In 2016, I had a variety of small ideas that ended up combining together into a new project: Finding a way to amplify the voices of the underrepresented groups in tech. I decided to start off with a podcast. After 7 months of fighting technology, fighting life battles, and fighting imposter syndrome, I released the first episode. Along the way, I've learned a lot of things about connecting with people [...]