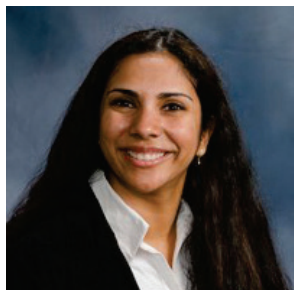


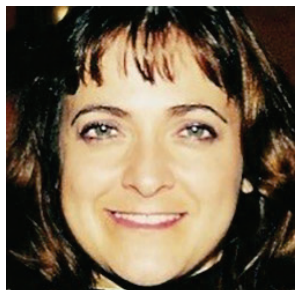


30 Nov - 2 Dec 2017
Baltimore, MD

PLANNING COMMITTEE



Co-Chair | Webmaster
Neeta Basantkumar
Process Int. Engineer at Northrop Grumman



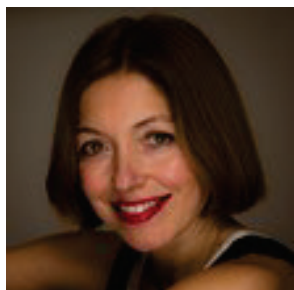
Co-Chair | Registration
Felicia Harlow
Engineer at Air Force Research Lab



Treasurer
Charles Rubenstein
Professor at Pratt Institute



Tech Program Co-Chair
Charlotte Blair
Lead Application Engineer for ANSYS



Tech Program Co-Chair
Maryam Rahmani
Global Partnership Officer at Global Cyber Alliance



Publications Chair
Anna Romaniuk
Director of Strategic Initiatives at Telenix Corp.



Patron Coordinator
Nita Patel
IEEE WIE ILC Founder & Chair



Career Fair Coordinator
Denise Griffin
Engagement Analyst at FirstFuel Software



Social Event Coordinator
Bob Pellegrino
IEEE | WIE Member



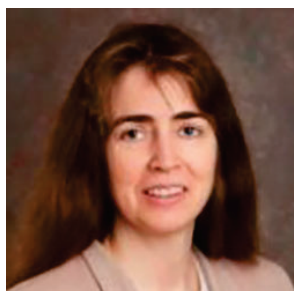
Marketing Chair
Rhonda Farrell
Associate at Booz Allen Hamilton



Social Media Chair
Marie Tupaj
IEEE | WIE Member



Volunteer Coordinator
Madhuri Marriselly
Process Engineer, Northrop Grumman



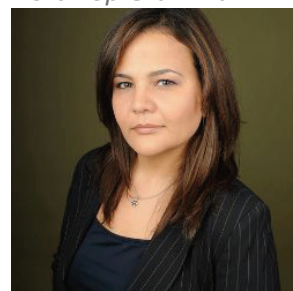
Region 2 Director
Kate Duncan
IEEE Region 2 Director



Region 2 WIE Coordinator
Vicky Drury
IEEE | WIE Member



Advisor
Kate McDevitt
IEEE | WIE Member



Advisor
Nassim Razi
IEEE | WIE Member

THANKS TO ALL OF OUR COMMITTEE MEMBERS AND ONSITE VOLUNTEERS!

2017 IEEE WIE FORUM USA EAST | 30 NOVEMBER – 2 DECEMBER | [HTTP://SITES.IEEE.ORG/WIE-FORUM-USA-EAST](http://sites.ieee.org/wie-forum-usa-east)

SCHEDULE AT A GLANCE

THURSDAY, 30 NOVEMBER

03:30 PM – 06:30 PM	REGISTRATION
04:30 PM – 06:30 PM	NETWORKING RECEPTION
07:15 PM – 09:30 PM	SOCIAL EVENT (PREPAID REGISTRATION REQUIRED; MEET IN LOBBY TO TRAVEL WITH THE GROUP)

FRIDAY, 1 DECEMBER

07:30 AM – 04:00 PM	REGISTRATION												
07:15 AM – 09:45 AM	WELCOME BREAKFAST & KEYNOTE												
09:45 AM – 10:15 AM	BREAK & EXHIBITS												
	<table border="1"> <tr> <th>TRACK 1: INNOVATION</th> <th>TRACK 2: EMPOWERMENT</th> <th>TRACK 3: LEADERSHIP</th> </tr> <tr> <td>PRESENTATION</td> <td>PRESENTATION</td> <td rowspan="4">WORKSHOP</td> </tr> <tr> <td>PRESENTATION</td> <td>PRESENTATION</td> </tr> <tr> <td>PANEL</td> <td>PRESENTATION</td> </tr> <tr> <td></td> <td>PRESENTATION</td> </tr> </table>	TRACK 1: INNOVATION	TRACK 2: EMPOWERMENT	TRACK 3: LEADERSHIP	PRESENTATION	PRESENTATION	WORKSHOP	PRESENTATION	PRESENTATION	PANEL	PRESENTATION		PRESENTATION
TRACK 1: INNOVATION	TRACK 2: EMPOWERMENT	TRACK 3: LEADERSHIP											
PRESENTATION	PRESENTATION	WORKSHOP											
PRESENTATION	PRESENTATION												
PANEL	PRESENTATION												
	PRESENTATION												
10:15 AM – 10:45 AM													
10:45 AM – 11:15 AM													
11:15 AM – 11:45 AM													
11:45 AM – 12:15 PM													
12:15 PM – 02:00 PM	LUNCH & KEYNOTE												
02:00 PM – 04:30 PM	CAREER FAIR & EXHIBITS												
	<table border="1"> <tr> <th>TRACK 1: INNOVATION</th> <th>TRACK 2: EMPOWERMENT</th> <th>TRACK 3: LEADERSHIP</th> </tr> <tr> <td rowspan="3">CAREER FAIR</td> <td>WORKSHOP</td> <td>PANEL</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>PRESENTATION</td> <td>PRESENTATION</td> </tr> </table>	TRACK 1: INNOVATION	TRACK 2: EMPOWERMENT	TRACK 3: LEADERSHIP	CAREER FAIR	WORKSHOP	PANEL			PRESENTATION	PRESENTATION		
TRACK 1: INNOVATION	TRACK 2: EMPOWERMENT	TRACK 3: LEADERSHIP											
CAREER FAIR	WORKSHOP	PANEL											
	PRESENTATION	PRESENTATION											
02:00 PM – 02:30 PM													
02:30 PM – 03:00 PM													
03:00 PM – 03:30 PM													
03:30 PM – 04:30 PM	SENSATA DIVERSITY & INCLUSION PANEL												
	BREAK & EXHIBITS												
04:30 PM – 05:45 PM	KEYNOTES & DAY 1 WRAP-UP												

SATURDAY, 2 DECEMBER

07:30 AM – 10:00 AM	REGISTRATION								
07:15 AM – 09:15 AM	WELCOME BREAKFAST & KEYNOTE								
09:15 AM – 09:30 AM	TRANSITION BREAK								
	<table border="1"> <tr> <th>TRACK 1: INNOVATION</th> <th>TRACK 2: EMPOWERMENT</th> <th>TRACK 3: LEADERSHIP</th> </tr> <tr> <td>WORKSHOP</td> <td>PRESENTATION</td> <td rowspan="2">PANEL</td> </tr> <tr> <td>WORKSHOP</td> <td>PRESENTATION</td> </tr> </table>	TRACK 1: INNOVATION	TRACK 2: EMPOWERMENT	TRACK 3: LEADERSHIP	WORKSHOP	PRESENTATION	PANEL	WORKSHOP	PRESENTATION
TRACK 1: INNOVATION	TRACK 2: EMPOWERMENT	TRACK 3: LEADERSHIP							
WORKSHOP	PRESENTATION	PANEL							
WORKSHOP	PRESENTATION								
09:30 AM – 10:00 AM									
10:00 AM – 10:30 AM									
10:30 AM – 10:35 AM	TRANSITION BREAK								
10:35 AM – 11:35 AM	KEYNOTE & CLOSING								
11:35 AM – 12:05 PM	COFFEE & DEPARTURE BREAK								

DETAILED SCHEDULE

THURSDAY, 30 NOVEMBER

03:30 PM – 06:30 PM

REGISTRATION

MEZZANINE

04:30 PM – 06:30 PM

NETWORKING RECEPTION

BRIGHTON & PREFUNCTION

07:15 PM – 09:30 PM

SOCIAL EVENT (PREPAID REGISTRATION REQUIRED)

LOCK N' KEY ESCAPE ROOM

FRIDAY, 1 DECEMBER

07:00 AM – 04:00 PM

REGISTRATION

MEZZANINE

07:15 AM – 08:15 AM

BREAKFAST

WHITEHALL BALLROOM

08:15 AM – 08:45 AM

OPENING REMARKS

WHITEHALL BALLROOM

Neeta Basantkumar, Co-Chair, 2017 IEEE WIE FORUM USA EAST

Felicia Harlow, Co-Chair, 2017 IEEE WIE FORUM USA EAST

Philip Gonski, IEEE Region 2

Charles Rubenstein, IEEE Region 1

08:45 AM – 09:15 AM

SEETA HARIHARAN

WHITEHALL BALLROOM

GM and Group Head – Digital Software & Solutions Group, TCS

Soar! Claiming Your Power and Getting What You REALLY Want

Whether you are just starting your career or a seasoned pro, this is one of the most exciting times to be working in engineering and technology, especially for women. Where do you want to take your career and what may be standing in your way? Regardless of which lane you may choose, Seeta Hariharan believes that each of us can soar as high as we desire, with the only limits being those we may place upon ourselves. In this informative and interactive program, Seeta shares her career strategies and most valuable lessons learned on her path to becoming GM & Group Head of Tata Consultancy Digital Software & Solutions, one of the world's largest technology companies.

09:15 AM – 09:45 AM

STEPHANIE HILL

WHITEHALL BALLROOM

VP & GM, Lockheed Martin

How Technology Inspired an Unexpected and Fulfilling Purpose

I always say I'm an "accidental engineer," never expecting that my professional journey would follow an engineering path and eventually lead to the position I'm in today, as the senior vice president of Corporate Strategy and Business Development for Lockheed Martin. However, one fateful decision to take a computer science elective in college charted a new course into an industry of innovation with purpose. Along the way in my career after college, I found purpose in working on technologies that fascinate us, and continually and rapidly shape our world. I also found an even deeper, unexpected purpose to be a representative of women and minorities in engineering. I am convinced that we all have a purpose as women in STEM to be the examples that empower someone else to be more than they thought or dreamed, and remind ourselves that we can be our own inspiration, infusing purpose into our lives every day.

DETAILED SCHEDULE

09:45 AM – 10:15 AM

COFFEE BREAK & EXHIBITS

MEZZANINE & PREFUNCTION

10:15 AM – 12:15 PM (WORKSHOP)

BECOMING A MINDFUL LEADER™

HAMPTON

Wendy Moomaw, Executive and Team Coach | Facilitator | Speaker

We are all leaders and some lead more than just themselves. Becoming a Mindful Leader™ is an experiential workshop built around neuroscience. The neural synapses in our brains are constantly firing, even during sleep. Our repetitive behaviors and choices become our superhighways and “go to” habits that our brain utilizes to save time. In this workshop, participants will become more self-aware, challenge their leadership and begin to map their intentions to grow. They will be encouraged to take a deeper dive to discover their greatest fears as learners and/or leaders and to identify their next steps to grow their capacity. Both self-awareness and self-reflection will be practiced during the workshop to heighten the learning and help to create more possibilities for beyond the workshop. They will both observe and engage in an experiential coaching exercise, while sharing real-life challenges.

10:15 AM – 10:45 AM (PRESENTATIONS)

GENDER BASED OCCUPATIONAL STEREOTYPES: NEW BEHAVIORS, OLD ATTITUDES

WHITEHALL BALLROOM

Carolyn C. Matheus, Associate Professor of Information Systems at Marist College

Gender role stereotypes stem from ingrained cultural and social attitudes toward traditionally masculine and feminine roles. People judge whether certain occupations are more suitable for men or for women based on occupational stereotypes of what a job requires and gender stereotypes regarding characteristics perceived to be gender-specific. This study used implicit and explicit measures to empirically examine stereotypical judgments about the perceived masculinity and femininity of engineers, elementary school teachers, accountants, law enforcement officers, and fashion designers. Results indicate the presence of gender-based stereotypes, and gender and age were found to be significant predictors. Workplace implications are discussed in an effort to understand why such stereotypes continue to influence career selection, hiring and promotion practices, and performance evaluations despite numerous efforts to promote gender equality in the workplace

COMMUNICATION AND CONFIDENCE: THE TWO C'S OF EMPOWERMENT IN THE WORKPLACE

WESTMINSTER

Victoria Richard, Leads competitive intelligence (CI) for Greenberg Traurig, LLP

Nicole Newmeyer, Capabilities Strategy Lead for the Internet of Things Enterprise Functional Team at the NSA

Communication and confidence are two aspects of leadership that are often cited as markers of success. However, they are often discussed in vague or academic terms; lacking practical applications, and applications specific to women in leadership, they often remain nebulous constructs and moving targets, which is a setup for failure. Too often, women are left to figure out what these ideas mean on a personal, professional, and leadership level. We view communication and confidence as the foundation that supports personal career development, as well as mentorship/sponsorship among female leaders. Communication is the act of creating understanding between people; confidence is the state of feeling sure about a truth. How can we use these concepts to identify/address systemic misogyny in our culture? How can we use those behaviors to change the system? How can we empower one another to have a voice that's heard, and make new spaces for female leaders?

DETAILED SCHEDULE

10:45 AM – 11:15 AM (PRESENTATIONS)

UNLEASH YOUR POTENTIAL, THERE IS AN INNOVATOR IN ALL OF US!

WHITEHALL BALLROOM

Lorraine M. Herger, Director of Research Integrated Solutions and CIO of IBM Research

Mercy Bodarky, Program manager for the Integrated Solutions Team of IBM Research

Motivating young girls to embrace their full potential and tap into endless possibilities is key in growing our future female leaders. During this session, we will discuss how to incorporate activities through education, workshop demos, and best practices for engaging young students. We will also share successful methods to create awareness and common ground with young students. Connecting through social media and current consumer technologies is key to making a link with your audience. We leverage the use of stories that are widely known in social media, movies and characters that demonstrate female heroism. We discuss some character traits such as strength, knowledge, innovation, and life skills that can be used to work through challenging obstacles. We will demonstrate some of those essential characteristics and correlate them with STEM activities. We will also share live demos of projects and materials for STEM activities.

COMMUNICATING STEM: HOW PODCASTING CAN HELP WOMEN IN STEM BECOME BETTER COMMUNICATORS

WESTMINSTER

Lindsay Claiborn, Real Time Video Desk Editor, McClatchy

Mumu (Huan) Yu, Assistant Professor in Aerospace Engineering and the Institute for Systems Research at the University of Maryland

Communicating scientific research and study has become nearly as important as the research itself. Podcasting is quickly becoming a popular medium for all sorts of science related content. The podcast, Beyond the (Micro)scope, sets out to provide a creative platform for women in all STEM fields to gain more exposure to media and practice being better STEM communicators. As a result of our podcast interviews, we have found that many of our female guests express lack of confidence in communicating the work that they do. As the interview progresses, our guests often become more comfortable and confident with describing their work and their passion in STEM. We have found that our guests are appreciative of the opportunity to talk about their work and are encouraged to pursue more science communication opportunities. The goal of the podcast is to promote the voice of women in STEM to a diverse audience.

11:15 AM – 12:15 PM (PANEL)

CYBER SECURITY: WHY IT'S EVERYONE'S BUSINESS

WHITEHALL BALLROOM

Maryam Rahmani (moderator), Global Partnership Officer at Global Cyber Alliance

Leah MacMillian, Head of Corporate Marketing at Trend Micro

Angel Grant, Director of Fraud and Risk Intelligence, RSA

Lauren Thompson, Director of the Department of Defense (DoD)/Department of Veterans Affairs (VA) Interagency Program Office (IPO)

The cybercrime is rising at a neck-breaking pace and costing organizations on average more than US\$17 million annually. Attackers are evolving, collaborating and working in a distributed fashion and finding it easier to scale cybercrime globally. The United States is the most vulnerable nation when it comes to cyberattack, as we are the most dependent country on information technology. IT security is no longer the sole responsibility of a group of technologists. Today's reality is that cybersecurity is everyone's business. A well trained and knowledgeable cyber-savvy workforce is the most effective cyber defense against any adversary. Women comprise 50 percent of the world population, and yet only 11 percent of cybersecurity workforce consists of women. The cybersecurity industry needs to embrace the women pool as diverse workforce fuels innovation to tackle the most pressing challenges facing our world today. Women who are interested in entering the field of information security can partake in a fast-growing industry with competitive pay and pave the way for the future entrants. They can also make a real difference and help to make our nation and the world more secure. Our panel of experts discusses trends in cyber-attacks, their contribution to cybersecurity and ways each of you can raise awareness and employ better cyber hygiene both at your enterprises and at home.

DETAILED SCHEDULE

11:15 AM – 11:45 AM (PRESENTATION)

PROTECTING YOUR LIFE AND YOUR BUSINESS; THE IMPORTANCE OF PLANNING IN TODAY'S WORLD

WESTMINSTER

Graham Fuller, Senior Relationship Manager, Consumer's Professional Occupations Practice, Mercer

In today's uncertain times, making sure that you, your family and your career are protected against the risks life presents is critically important. Please join Mercer Consumer's, Graham Fuller for an educational discussion on how to mitigate some these risks by utilizing an insurance planning strategy. Insurance solutions such as Life, Disability Income and Professional Liability insurance will be discussed as well as things to consider when you are putting together your own insurance planning approach.

11:45 AM – 12:15 PM (PRESENTATION)

EMPOWERMENT THROUGH AMPLIFICATION: ROCKWELL AUTOMATION WOMEN IN THE FIELD

WESTMINSTER

Jai Narayanan, Eastern Region Contracts Specialist, Rockwell Automation

This session will explore Rockwell Automation's Culture of Inclusion journey, the steps that a group of women in the field took to create a new employee resource group, and the successes of that group to date. Launched in February 2015, Rockwell Automation Women in the Field (RAWiFi) started with 30 women across the United States that identified a need to eliminate the isolation that field based female employees felt was prevalent. Today, RAWiFi has grown to over 500 members globally. Some of the factors that led to the success of the ERG is the sponsorship from over 100 male allies and support from senior leadership. The efforts of the group supported the company's 2017 Catalyst Award win, for positive changes to company culture. RAWiFi has been instrumental in closing the gap between men and women, as well as providing professional development for members, advising senior leaders and implementing policy changes.

12:15 PM – 02:00 PM

LUNCH & KEYNOTE

WHITEHALL BALLROOM

FREDERICA DAREMA

WHITEHALL BALLROOM

*SES Director of the Air Force Office of Scientific Research
AFOSR Basic Research Spotlight*

The Air Force Office of Scientific Research (AFOSR), is the organization responsible for discovering, shaping, and championing basic science, and furthering the frontiers of scientific knowledge and technology that profoundly impacts the future Air Force (AF). In a broad sense, AFOSR, in its motto "excellence in science and transformative capabilities for the AF", accomplishes this mission by identifying the best fundamental research that and has relevance to the DoD and the AF, through funding and appropriate oversee of the research work conducted in universities, industry and government laboratories in the US and around the world, actively maintaining strong, productive alliances with such institutions to bring newly created scientific understanding and technology options from the scientific community and generate tremendous payoffs for the nation's defense. For over sixty years, the accomplishments of AFOSR, ranging across a wide spectrum of sciences and technologies, have led to the creation of revolutionary new capabilities for the Air Force and significant discoveries for the benefit of mankind. This presentation will overview programmatic activities supporting basic research enabling science and technology advances, as well as STEM education and workforce creation.

02:00 PM – 04:30 PM

CAREER FAIR

MEZZANINE, BRIGHTON & PREFUNCTION

DETAILED SCHEDULE

02:00 PM – 03:00 PM (WORKSHOP)

EXPLORING THE UNCONSCIOUS BIAS: A HOLISTIC APPROACH

WESTMINSTER

Adrienne Shoch, Founder, 5 to 1 Consulting

Today's business context is becoming increasingly fast, complex and uncertain. This context creates the need to examine not only how we can keep pace, but actually thrive. Exploring the role bias plays in performance is core to this examination. However, it cannot be considered in a silo. The source of our bias comes from our brain and body. Once we understand the ways in which the brain and body influence decision making and behavior, we can understand the critical role bias plays in our ability to connect, perform and lead. Topics: (1) The power of the body shape and posture to influence change; (2) The purpose of the brain; (3) Habit nature and the unconscious bias; (4) The impact of technology: Threat vs reward; (5) Listening and language: The nervous system neutralizer; (6) Expectations: The derailer of performance

02:00 PM – 03:00 PM (PANEL)

COMMUNITY BASED CAREER DEVELOPMENT

WHITEHALL BALLROOM

Kathleen Smith (moderator), Chief Marketing Officer for ClearedJobs.Net/CyberSecJobs.Com

Julka Grodal, Principal Software Engineer at Framebridge

Cindy Jones, Principal Security Consultant with Rapid7

Sophia Fadli, Cyber Intelligence and Defense Analyst

Kirsten Renner, Director of Talent Acquisition, Novetta

There are many ways to develop your career; most involve acquiring skills through training or on the job experiences. But what about other ways to increase your skills and your fulfillment at the same time. We will discuss how career development can be supported through community activities such as presenting at conferences, volunteering and competitions with panelists sharing their experiences, best practices and how to engage their employers to support these activities. Each panelist will share how these experiences helped them learn new technical and non-technical skills. Finally, we will provide insight on how recruiters view these community involvements.

02:00 PM – 02:30 PM (PRESENTATION)

MANAGING DIVERSITY: THE BENEFITS OF HIRING AND INSPIRING PEOPLE DIFFERENT THAN YOU

HAMPTON

Amory Wakefield, Director of Product, True Fit Corporation

Diversity can be a tricky subject. Even defining the word can sometimes be difficult. In many engineering groups, women can sometimes be perceived as "the diversity." Everyone works with people unlike themselves; however, talking about those differences can feel uncomfortable. Organizations love to advertise their diverse management teams, but what does it take to empower a team of very different people? How do you successfully build one? Drawing on research and personal experience, the presentation will present the benefits of a diverse team and suggestions on how to recruit and retain one. Using specific examples, it will offer ideas on what diversity means and how to discuss it from any level of an organization.

02:30 PM – 03:00 PM (PRESENTATION)

FOR FEMALE LEADERS OF TOMORROW: CULTIVATE AN INTERDISCIPLINARY MINDSET

HAMPTON

Mónica López-González, Co-Founder and Executive Scientific & Artistic Director of La Petite Noiseuse Productions

The call for empowering women to participate fully in all sectors of society posits that women's participation is key to economic growth, political stability, and social transformation. Approaches to achieve such participation, however, are trivialized due to existing gender biases and women continue to lag behind in STEM professions. In this article I argue for the transformative power of an interdisciplinary mindset—particularly one engendered by a STEAM education whereby 'A' stands for Arts—as a catalyst for STEM careers and beyond. Furthermore, I conclude that STEAM will prevail in the hands of interdisciplinary leaders.

DETAILED SCHEDULE

03:00 PM – 03:30 PM (PRESENTATIONS)

WRITING LIKE AN ENGINEERING PROFESSIONAL

WESTMINSTER

Bernadette Longo, Associate Professor in the Department of Humanities at New Jersey Institute of Technology

What does it mean to write like an engineer? How does writing like a technical professional in a workplace differ from other kinds of writing you may do? In its simplest terms, writing like an engineer means conveying specialized information that helps people adopt and implement technologies for practical purposes. However, writing in this way does more than help people use technologies. You are also persuading others to adopt your viewpoint on technology. These communications are, therefore, as much about human relations as they are about technology. This presentation will introduce practicing engineers and engineering students to the components of writing in the workplace. It will show how considerations of audience and purpose govern the structure of their documents and provide helpful advice that can be used immediately on the job to further develop professional writing skills.

HOW TO WORK WITH EACH OTHER: LEGAL TIPS ON COLLABORATION

WHITEHALL BALLROOM

Maura Moran, Partner at Cambridge Technology Law LLC

Technology and business are inherently collaborative. Knowing how to work together while also protecting yourself is important for any person or company. Collaboration requires communication, often among strangers whose objectives differ. It requires disclosure and co-development of information and ideas. We will explore types of collaborations, how to improve collaborators' communication, and how to promote and manage co-development. Structuring collaborations is easier when you understand Intellectual Property (IP). We will discuss forms of IP relevant at each collaboration phase and practical steps to protect and harness IP while working together. Collaboration usually needs a written agreement to lay out both sides' expectations. We will explore how to handle issues like technology brought into or developed during a project, compensation, terminations, liabilities/warranties, confidentiality, and non-competes.

03:00 PM – 03:30 PM (PRESENTATIONS)

THE ACCIDENTAL PIONEER: BEING YOUR BEST WHERE YOU ARE

HAMPTON

Major General Miyako Schanely, Commander, 416th Theater Engineer Command

As the first female engineer in the Army to achieve the rank of Major General (2-stars), Miyako Schanely shares her experiences and life lessons for career success – as an engineer, as a leader, and as a pioneer in her field. Her five lessons span a range of topics from leadership to life balance, and emotional intelligence to resilience. General Schanely's perspectives, passion and candor will inspire both women and men to reach their full potential and courageously change the world around them for the better.

DETAILED SCHEDULE

03:30 PM – 04:30 PM (PANEL)

SENSATA DIVERSITY & INCLUSION PANEL – EXPLORING THE ATTRITION GAP; WHY DO WOMEN LEAVE THE ENGINEERING FIELD AND WHAT CAN BE DONE TO PREVENT IT?"

RAVENHURST

Valentina Videva Dufresne, Product Management & Process Development Director of the ADAS Business Unit at Sensata Technologies

Emily Haidemenos, New Product Development Quality Engineer at Sensata Technologies

Lydia Misch, Design Engineer of Automotive Pressure Sensors at Sensata Technologies

June Park, Senior Member of the Technical Staff, Sensata Technologies

Doug Strott, Distinguished Member of the Technical Staff, Sensata Technologies

Cat (Catherine) Vachon, US-based Diversity & Inclusion Specialist

Brian Wilkie, Senior Director of Engineering and Program Management for the Heavy Vehicle and Off-Road Sensors business at Sensata Technologies

Sensata Technologies, a world leader and early innovator in mission critical sensing, electrical protection, and power management solutions, highly values its engineering community and provides development opportunities for both Technical and Business leadership. Sensata also recognizes the importance of diversity of thought for its product development and business success. Faced with the challenge to move from recognition to implementation of effective and lasting actions, the company embarked on a journey to increase diversity and inclusion in the engineering ranks. This journey includes a structured approach by Sensata's Engineering Council Diversity & Inclusion team coupled with employee-led efforts such as affinity groups and ad hoc activities. Please join today's panel - members of the Diversity & Inclusion team and women leaders at Sensata - as we explore the actions taken, successes and challenges, and the ongoing work to further develop diversity and inclusion at Sensata.

03:30 PM – 04:30 PM

COFFEE BREAK & EXHIBITS

MEZZANINE, BRIGHTON & PREFUNCTION

04:30 PM – 05:00 PM

ROSHAN ROEDER

WHITEHALL BALLROOM

Vice President, Global Ground Based Radar, Land and Avionics C4ISR Division, Northrop Grumman Mission Systems
Humility and Leadership: Can they go hand in hand?

Have you ever wondered how to motivate and empower a team? Have you ever faced extremely challenging goals as a team and wondered "How will we ever get through this"? This discussion will be built around insights of an executive leader and her experiences being a minority leader in a large organization. She will walk through key lessons she has learned along her leadership journey and how humility played a large role in her success. Additionally she will tie several key principles of leadership to significant outcomes in the organizations that she has led starting with listening to the organization and rolling up her sleeves to remove obstacles that affect performance.

DETAILED SCHEDULE

05:00 PM – 05:30 PM

JANE BARR

Regional Vice President, Eastern Region, North America Sales, Services & Solutions

Smart Manufacturing: Embracing the Digital Revolution

The continuous advancement of new technologies affects the way companies across many industries perform and do business. The world has seen the rise of the Fourth Industrial Revolution, where new technologies are fusing the physical, digital, and biological worlds, affecting all economies, industries, and disciplines. In this new revolution, we are experiencing a greater need to adapt and evolve our way of thinking, communicating, and leading. In this keynote address, Jane Barr, Regional Vice President, Eastern Region, North America Sales, Services, and Solutions, presents an overview of Smart Manufacturing and how Rockwell Automation is supporting the digital age of manufacturing.

WHITEHALL BALLROOM

05:30 PM – 05:45 PM

DAILY WRAP-UP

GENERAL CO-CHAIRS, IEEE REGION 1 & REGION 2

WHITEHALL BALLROOM

SATURDAY, 2 DECEMBER

07:00 AM – 10:00 AM

REGISTRATION

MEZZANINE

07:15 AM – 08:15 AM

BREAKFAST

WHITEHALL BALLROOM

08:15 AM – 08:45 AM

OPENING REMARKS

GENERAL CO-CHAIRS, IEEE REGION 1 & REGION 2

Candy Robinson, IEEE-USA President Elect; Software Engineering Manager for Lockheed Martin MST

WHITEHALL BALLROOM

08:45 AM – 09:15 AM

DALMA NOVAK

VP of Engineering at Pharad, LLC

A Career in Engineering – The Journey From Academia to Industry

In 2014, there were approximately 5.8 million employer firms in the United States, 99.7% of which were classified as small firms with fewer than 500 employees. Pharad, a privately owned technology company established in 2004, is one of those small businesses. This talk will tell the story about Pharad and the journey of a former University Professor who chose to leave her academic existence behind to make the transition to industry. The challenges encountered in helping to build a successful engineering company and the lessons learned will be described.

WHITEHALL BALLROOM

09:15 AM – 09:30 AM

TRANSITION BREAK

PREFUNCTION

DETAILED SCHEDULE

09:30 AM – 10:30 AM (PANEL)

MENTORING THE NEXT GENERATION OF FEMALE LEADERS

WHITEHALL BALLROOM

Deb Borgerding, Systems Engineer Architect, Northrop Grumman

Sarah Lyon, Systems Engineer, Northrop Grumman

Carly Aderton, Systems Engineer Architect, Northrop Grumman

Lindsey Kostkowski, Systems Engineer, Northrop Grumman

Mentoring and knowledge transfer continue to gain importance as current industry experts retire and the next generation of technical professionals enters the workforce. There are many paths to successful mentoring. A panel of women at various stages of their careers discusses mentoring, bringing perspectives influenced by their experiences. Topics include identifying mentors/mentees, formal versus informal programs, what is unique to female mentoring, and how to successfully perpetuate knowledge transfer. As there is no one prescribed path to mentor/mentee success, this forum will provide options for all engineering professionals to consider as they progress in their careers.

09:30 AM – 10:00 AM

LED ELECTRONICS AND LEARN TO SOLDER (SESSION 1)

WESTMINSTER

Sponsored by IEEE Region 1 Maker Faire Program and the World Maker Faire New York 'Learn to Solder' Booth

Charles Rubenstein, Professor at Pratt Institute

Bob Pellegrino, IEEE | WIE Member

Registration is Required for each of the two 15-person sessions

Light-emitting diodes are behind most of today's displays and lighting designs. Learn about these devices, how to design with them, and how to build a /solderless/ LED 'Torch' and how to /solder/ an LED Badge during this half-hour session. Materials and tools are available for up to 15 attendees per session for two (2) successive sessions.

09:30 AM – 10:00 AM

MOMGINEERS: PEARLS AND PITFALLS ON THE PATH TO SUCCESS

HAMPTON

Reena Dahle, Assistant Professor in Electrical Engineering at the Division of Engineering Programs at the State University of New York (SUNY) New Paltz

Alicia Scott, Senior, Electrical Engineering at the State University of New York at New Paltz

ABSTRACT

10:00 AM – 10:30 AM

LED ELECTRONICS AND LEARN TO SOLDER (SESSION 2)

WESTMINSTER

Sponsored by IEEE Region 1 Maker Faire Program and the World Maker Faire New York 'Learn to Solder' Booth

Charles Rubenstein, Professor at Pratt Institute

Bob Pellegrino, IEEE | WIE Member

Registration is Required

Light-emitting diodes are behind most of today's displays and lighting designs. Learn about these devices, how to design with them, and how to build a /solderless/ LED 'Torch' and how to /solder/ an LED Badge during this half-hour session. Materials and tools are available for up to 15 attendees per session for two (2) successive sessions.

DETAILED SCHEDULE

10:00 AM – 10:30 AM

EMPOWERING THE NEXT GENERATION: CONNECTING ART AND CAREER

HAMPTON

Rashi Narain, Lead Associate- Strategic Innovation Group, Booz | Allen | Hamilton

The younger generations of today are often pressured into pursuing multiple activities. They are not only required to excel in academics, but also to be well-rounded individuals in arts or sports. Young women should recognize that the skills they develop through extracurricular activities are very relevant in their academic lives and can help them be successful in their careers. This presentation explores the example of how skills developed through dance are relevant to girls' career progression. By building confidence, understanding what abilities are transferrable, and fostering a motivational environment, we can all work to empower young women and our future leaders. If we are able to recognize, and provide guidance to, girls who can develop skills in various areas, we will be able to help them succeed.

10:30 AM – 10:35 AM

TRANSITION BREAK

PREFUNCTION

10:35 AM – 11:05 AM

KATHY KOUNTZE

WHITEHALL BALLROOM

Senior Vice President and Chief Information Officer, Eversource Energy

Why Adversity Can Be Your Motivator

No one likes adversity. We don't jump out of bed in the morning and say "I am really looking forward to dealing with that big challenge that's going to just ruin my day...maybe even my week if I'm lucky!" No, nobody sane actually feels that way about a large problem or dilemma they are faced with. But the reality is, despite the difficulty some work and life challenges bring, those challenges can actually become the motivators that build our confidence, teach us great lessons or even present opportunities that would never otherwise have surfaced if it weren't for adversity. Many of us are grateful for those challenges, as difficult as they were to manage through at the time, as they can help to create the person we never knew we could become.

11:05 AM – 11:35 AM

DAILY WRAP-UP

WHITEHALL BALLROOM

WIE FORUM USA EAST CONFERENCE COMMITTEE

11:35 AM – 12:05 PM

COFFEE & DEPARTURE BREAK

PREFUNCTION

THANKS TO OUR PATRONS!

DIAMOND



PLATINUM



GOLD



SILVER



Booz | Allen | Hamilton



THANKS TO OUR SPONSORS!



IEEE REGION 1

IEEE REGION 2



IEEE Philadelphia Section and IEEE WIE Philadelphia are proud sponsors of the 2017 IEEE WIE Forum USA East!



THANKS TO OUR PATRONS!

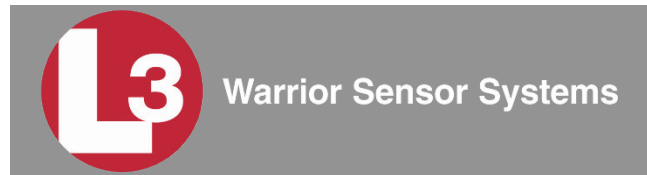
CAREER FAIR



If you've ever seen a rocket launch, flown on an airplane, driven a car, used a computer, touched a mobile device, crossed a bridge, or put on wearable technology, chances are you've used a product where ANSYS software played a critical role in its creation. ANSYS is the global leader in engineering simulation. We help the world's most innovative companies deliver radically better products to their customer. By offering the best and broadest portfolio of engineering simulation software, we help them solve the most complex design challenges and engineer products limited only by imagination.



Sensata Technologies is a world leader and early innovator in mission-critical sensors and controls. On average, Sensata manufactures over 17,000 different products and ships 1.4 billion units a year under the Sensata brand and more than 12 other familiar brand names. Our highly-engineered devices are used in automotive, appliance, aircraft, industrial, military, heavy vehicle, heating, air conditioning, data and telecommunications, recreational vehicle and marine applications, and help satisfy the world's growing need for safety, energy efficiency, autonomy and a clean environment. These devices improve safety, efficiency and comfort for millions of people every day.



L3's Sensor Systems Segment offers a diverse portfolio of innovative sensor technologies across the maritime, land, airborne, space and cyber domains. Together, we provide industry-leading solutions to government agencies, as well as civil and commercial organizations worldwide, enabling industry partners and customers to perform increasingly complex missions – every day. With operations across the U.S., Canada, Europe and Australia, our focus is on advancing the capabilities of our global customer base to gather intelligence and to share and protect information across all domains, allowing customers to complete their missions safely and effectively.



THANKS TO OUR PATRONS!

CAREER FAIR



CyberVista is a cybersecurity training and workforce development company. Our mission is to create a cyber-ready workforce through personalized training programs that provide organizations with the people, knowledge, and skills required to defend their most critical assets. We believe in the transformative power of education. We aren't just trying to help you pass a test but rather assisting you in learning for the long term as you build your cybersecurity career. Whether you are just starting out or just getting around to earning your certification, we have the training to fit your life. With parent Graham Holdings Company and sister company Kaplan, Inc.'s innovative education technologies and personalized approach to learning, CyberVista offers a new vision for board, executive, and workforce cybersecurity education.

**Rockwell
Automation**



Woods Hole Oceanographic Institution is the world's largest private, nonprofit ocean research, engineering and education organization. Founded in 1930, WHOI is dedicated to research and education to advance understanding of the ocean and its interaction with the Earth system, and to communicating this understanding for the benefit of society. Our scientists and engineers push the boundaries of knowledge about the ocean to reveal its impacts on our planet and our lives. If you are seeking a career involving adventure, intellectual challenges, development of cutting edge technology, and a comprehensive compensation/benefits program, apply for a WHOI opening today! WHOI is committed to diversity and is an AA/EOE/M/F/D/V institution.

Booz | Allen | Hamilton

THANKS TO OUR PATRONS!

CAREER FAIR



The International Atomic Energy Agency (IAEA) is the world's foremost forum for scientific and technical cooperation in the peaceful uses of nuclear technology. Established in 1957 as an independent organization within the United Nations system, it serves 168 Member States and works for the safe, secure and peaceful application of nuclear science and technology, contributing to international peace and security and the United Nations' Sustainable Development Goals. The International Safeguards Project Office at Brookhaven National Laboratory supports the IAEA and its mission through the United States Support Program to the IAEA. Both play a role in the many daily programmatic activities of the US-IAEA relationship.



LTK Engineering Services has been providing outstanding service to the passenger rail industry since 1921. Focusing solely on passenger rail, LTK provides highly-specialized technical and management expertise to meet our clients' toughest rail vehicle and rail systems engineering challenges. Our employees are our most important asset. At LTK, we know that great ideas come from great teams. That's why we've built a culture and workforce that is collaborative, supportive and diverse. With offices in virtually every region of the country, as well as a growing international presence, LTK offers a vast array of opportunities for new staff members to learn, grow and excel alongside a diverse collective of experienced, supportive industry experts. Visit us at ltk.com/careers to learn more about becoming a part of our team.

THANKS TO OUR PATRONS!

CAREER FAIR



JOHNS HOPKINS
APPLIED PHYSICS LABORATORY

The Johns Hopkins Applied Physics Laboratory (APL) is a not-for-profit, university-affiliated research center (UARC) that solves complex research, engineering, and analytical problems that present critical challenges to our nation. APL is a division of one of the world's leading research institutions, The Johns Hopkins University.



BAE Systems is a global defense, aerospace and security company employing around 83,100 people worldwide. Our wide-ranging products and services cover air, land and naval forces, as well as advanced electronics, security, information technology, and support services. We provide some of the world's most advanced, technology-led defense, aerospace and security solutions and employ a skilled workforce in over 40 countries. Working with customers and local partners, we develop, engineer, manufacture and support products and systems to deliver military capability, protect national security and people and keep critical information and infrastructure secure.



www.IntelligenceCareers.gov/NSA

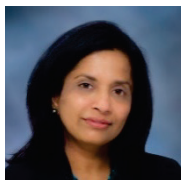
The National Security Agency/Central Security Service (NSA/CSS) leads the U.S. Government in cryptology that encompasses both Signals Intelligence (SIGINT) and Information Assurance (IA) products and services, and enables Computer Network Operations (CNO) in order to gain a decision advantage for the Nation and our allies under all circumstances.



At ATG, we are ambitious, engaged and excited about transforming the way the world moves. With locations in Pittsburgh, San Francisco, and Toronto, the Advanced Technologies Group is comprised of Uber's self-driving engineering team dedicated to self-driving technologies, mapping, and vehicle safety. Our teams are passionate about developing long-term technologies that advance Uber's mission of bringing safe, reliable transportation to everyone, everywhere. Our work doesn't end with transporting people. We are also developing self-driving truck technology to move goods more safely and cost effectively around the world.

<https://www.uber.com/info/atg/>

FORUM KEYNOTES



SEETA HARIHARAN

General Manager and Group Head of Tata Consultancy Services (TCS) Digital Software & Solutions (DS&S) Group

Seeta Hariharan is the General Manager and Group Head of Tata Consultancy Services (TCS), Digital Software & Solutions (DS&S) Group wherein she oversees all elements of operations for the strategic growth unit focusing on the Retail/CPG, Banking & Financial Services and Communications industries. Hariharan sets the strategic path for the unit, establishes product direction and ensures the answers that are designed and brought, meet commercial enterprise needs. She is likewise responsible for training engineering with the team of workers and assets needed to execute against a roadmap and overseas sales and advertising efforts to establish TCS inside the licensed software enterprise.

Seeta joined TCS from IBM where she held leadership roles in IBM's software program, services, hardware, and microelectronics divisions. In her latest role in IBM, she ran Information Management software program sales, channels, enterprise development and strategy worldwide for several enterprise verticals including Media & Entertainment, Manufacturing, Telecom, Energy & Utilities, Consumer Electronics, Agriculture and Distribution. Seeta holds her professional degrees in engineering and management, latter being from Northwestern University Kell.

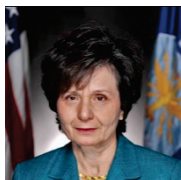


STEPHANIE HILL

Vice President & General Manager of Lockheed Martin's Cyber, Ships & Advanced Technologies (CSAT) line of business for Rotary and Mission Systems

Stephanie C. Hill is the Vice President & General Manager of Lockheed Martin's Cyber, Ships & Advanced Technologies (CSAT) line of business for Rotary and Mission Systems. In this role, Ms. Hill oversees the strategy and execution of all CSAT programs, a diverse portfolio that includes the Littoral Combat Ship program; Coast Guard systems; fixed wing mission systems; unmanned aerial systems; intelligence, surveillance and reconnaissance systems; cyber solutions; electronic products; information technology services for U.S. and international postal services; lasers and sensor systems; and vertical launch platforms. Ms. Hill has been recognized for her career achievements and community outreach, especially in the advancement of STEM education. She was recognized as one of Computerworld's 2015 Premier 100 IT Leaders and one of Maryland's 19th Annual International Leadership Awardees by the World Trade Center Institute. In 2014, Ms. Hill was named the U.S. Black Engineer of the Year by Career Communications Group and included on EBONY Magazine's Power 100 list, recognizing the achievements of African-Americans in a variety of fields. Born in Baltimore, Maryland, Ms. Hill graduated with high honors from the University of Maryland, Baltimore County with a Bachelor of Science degree in Computer Science and Economics.

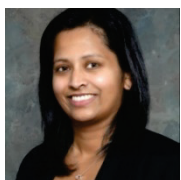
FORUM KEYNOTES



FREDERICA DAREMA

SES Director of the Air Force Office of Scientific Research

Dr. Frederica Darema is the SES Director of the Air Force Office of Scientific Research. Prior that she was the SES Director of the Mathematics, Information and Life Sciences Directorate at AFOSR, and she also spearheaded the Dynamic Data Driven Applications Systems (DDDAS) Program. Prior to AFOSR, she held executive level positions at NSF, as Senior Science and Technology Advisor, and Senior Science Analyst, in the Computer and Information Science and Engineering Directorate at NSF. Dr. Darema received her BS degree from the School of Physics and Mathematics of the University of Athens - Greece, and MS and Ph. D. degrees in Theoretical Nuclear Physics from the Illinois Institute of Technology and the University of California at Davis, respectively, where she attended as a Fulbright Scholar and a Distinguished Scholar. Dr. Darema was elected IEEE Fellow for proposing the SPMD (Single-Program-Multiple-Data) computational model that has become the predominant model for programming high-performance parallel and distributed computers. Dr. Darema is also the recipient of the IEEE Technical Achievement Award, for her work in pioneering DDDAS. Dr. Darema has given numerous keynotes and other invited presentations in professional forums.



ROSHAN ROEDER

Vice President, Global Ground Based Radar, Land and Avionics C4ISR Division, Northrop Grumman Mission Systems

Roshan Roeder is vice president of Global Ground Based Radars, a business unit within the Land and Avionics C4ISR division of Northrop Grumman Mission Systems. In this role, Ms. Roeder holds executive responsibility for the strategy, capture, development, production, and logistics for all aspects of the overall business unit and is responsible for leading the successful execution of global ground based radar programs. Most recently, Ms. Roeder served as the director of programs for several organizational units within the company and had leadership responsibility across various disciplines of program management, engineering, manufacturing, supply chain, mission assurance, and business management for the successful execution and performance of programs. She also spent time within Advanced Concepts and Technologies. Ms. Roeder joined Northrop Grumman in 2002. During this time, she has built a great repertoire with her customers, has performed above and beyond the contractual requirements; and therefore, has received both internal company awards and from external DoD customer communities. Ms. Roeder holds a Bachelor of Science in Computer Engineering from Virginia Tech, Blacksburg, Virginia.

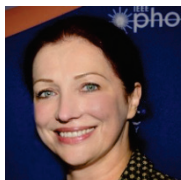


JANE BARR

Regional Vice President, Eastern Region, North America Sales, Services & Solutions

Jane provides leadership and strategic direction for the customer facing engineering, sales, marketing, and operations resources in the North America Eastern Region. She is responsible for developing and executing the business strategy positioning Rockwell Automation products and services to best support our customers in achieving their business objectives. Barr joined the company in 1996 as an account representative. She has held positions of increasing responsibility within the sales organization including district channel manager, global account team lead (Automotive) and sales branch manager in Western Michigan. Most recently, Jane served as Business Director for Plant Services Business within the Customer Support and Maintenance Business based in Milwaukee. Prior to joining Rockwell Automation, Jane held engineering and operations positions with the General Motors Corporation. Jane holds a bachelor's degree in Industrial Engineering from the University of Illinois and a certificate in Industrial Distribution Management from Texas A&M University.

FORUM KEYNOTES



DALMA NOVAK

VP of Engineering at Pharad, LLC

Dalma Novak is VP of Engineering at Pharad, LLC who are developing advanced antenna, RF communications and RF-over-fiber technologies. Prior to co-founding Pharad in 2004, Dr. Novak spent 12 years as a member of the academic staff in the Department of Electrical and Electronic Engineering at The University of Melbourne, Australia; the last six months of which she was Professor and Chair of Telecommunications. From June 2001 – December 2003 she was a Technical Section Lead at Dorsál Networks, Inc. and later at Corvis Corporation where she led cross-disciplinary R&D teams developing WDM hardware for long-haul transmission systems. Her research interests include microwave photonics, fiber radio systems, wireless communications, high speed optical communication systems, and antenna technologies. She has published more than 280 papers in these technical areas, including seven book chapters. In 2007 she was elected to the grade of IEEE Fellow for contributions to enabling technologies for the implementation of fiber radio systems. Dr. Novak was President of the IEEE Photonics Society (IPS) during 2014 – 2015. She is also the former Chair of both the MTT-S and IPS Technical Committees on Microwave Photonics.



KATHY KOUNTZE

Senior Vice President and Chief Information Officer, Eversource Energy

Kathy has held her current position at Eversource Energy since April 2012 and is a member of the executive team. Kathy provides the organization with the vision and leadership to assure the timely, innovative, and cost-effective use of technology to achieve corporate objectives and improve productivity and effectiveness in serving customers in a constantly changing regulated utility marketplace. As CIO Kathy is required to collaborate with the executive team and establish the short- and long-term technology strategies to support the company's business strategies. Prior to her current position at Eversource Energy, Kathy was the Vice President and Chief Information Officer for NSTAR Electric & Gas Company and worked for eight years at United Illuminating, a regulated electric public utility based in New Haven, CT, in various technology leadership roles, serving over two years as CIO. Kathy is a member of the Massachusetts Women's Forum, Edison Electric Institute (EEI) Executive Advisory Council, EEI Technical Advisory Council, Co-Chair of the Boston CIO Executive Summit, a member of the Board of Directors for Grace Academy in Hartford, Connecticut, and a former member of the Board of Directors for the Girl Scouts of Connecticut. Kathy also received the Girl Scouts Breakfast Badge Award for Leadership in STEM. Kathy holds a B.A. degree in Actuarial Math & Science from the University of Connecticut and an M.S degree in Computer Science from the University of New Haven.

LISTEN.
THINK.
SOLVE.®



Inclusion Fuels Innovation

We create an environment where our almost **22,000 people** can bring their best work, be heard, and **work together** as partners. It's about all of us bringing **our best** to transform our company. Our **Culture of Inclusion** fuels innovation for everyone.

We are honored and humbled to win the **2017 Catalyst Award**, which recognizes innovative organizational approaches with proven, measurable results that address the recruitment, development, and advancement of women. Our work continues — **we're not done yet.**

CATALYST
2017 AWARD WINNER 

www.rockwellautomation.com/global/go/catalyst

 Allen-Bradley • Rockwell Software



MAKER. MAVEN. MENTOR.

For Mentor and Engineer **Elizabeth Finn**, empowering the future generation of STEM professionals isn't just what she does, it's who she is.

At Booz Allen Hamilton, your career is our passion.

Visit boozallen.com/careers to find your own passion

Booz | Allen | Hamilton

Cybersecjobs.com is a veteran-owned career site and hiring event company for cyber security professionals and students.







CYBERSECJOBS

www.cybersecjobs.com

WE PROVIDE THE INFORMATION YOU NEED TO HELP YOU FIND THE CAREER THAT BEST SUITS YOUR NEEDS.

WE OFFER:

- Intelligence that informs you to make better career choices
- Public and Private profile settings so you control your visibility to employers
- Educational content so you understand how to job search more successfully
- Job Alerts so you can search more efficiently

 @cybersecjobsusa
 cybersecjobs
 cybersecjobs
 [linkedin.com/company/cybersecjobs](https://www.linkedin.com/company/cybersecjobs)

Endless Possibilities ... and countless risks



IEEE Member Group Term Life Insurance ...
Helps protect the ones you love.

Your career and life ahead offer you endless possibilities. You've worked hard to succeed in the predominantly male-dominated technology profession and now your income potential is rising too. This means you have more financial responsibilities to your family. So what if something happened to you? Would they have enough life insurance to replace your income and all you do for them?

IEEE understands the value of **YOU**—to the profession and to your family. That's why through the IEEE Member Group Term Life Insurance Plan,* you can secure up to \$1 million in valuable term life insurance.

Make sure your life protection keeps up with your family responsibilities today!**



1-800-493-IEEE (4333) | IEEEinsurance.com/WIE2017

*The Group Term Life Insurance Plan is available only for residents of the U.S. (except territories), Puerto Rico and Canada (except Quebec). This plan is underwritten by New York Life Insurance Company, 51 Madison Ave., New York, NY 10010 on Policy Form GMR. This plan is administered by Mercer Health & Benefits Administration LLC. This coverage is available to residents of Canada (except Quebec), Mercer (Canada) Limited, represented by its employees Nicole Swift and Suzanne Dominico, acts as broker with respect to residents of Canada.

**For information on plan features, costs, eligibility, renewability, limitations and exclusions visit IEEEinsurance.com/WIE2017

In CA d/b/a Mercer Health & Benefits Insurance Services LLC
AR Insurance License #100102691
CA Insurance License #0G39709

78574 (5/17) Copyright 2017 Mercer LLC. All rights reserved.

NORTHROP GRUMMAN

INFLUENCE

THE FUTURE
OF TECHNOLOGY

We are proud to support the IEEE
WIE (Women in Engineering)
Forum USA East 2017.

Let's do the work that matters -
together.

CYBER • C4ISR • AUTONOMOUS SYSTEMS • LOGISTICS • STRIKE

CAREERS THAT TAKE YOU PLACES.

careers.northropgrumman.com



© 2017 Northrop Grumman is committed to hiring and retaining a diverse workforce. We are proud to be an Equal Opportunity/Affirmative Action Employer, making decisions without regard to race, color, religion, creed, sex, sexual orientation, gender identity, marital status, national origin, age, veteran status, disability, or any other protected class. U.S. Citizenship is required for most positions. For our complete EEO/AA and Pay Transparency statement, please visit www.northropgrumman.com/EEO

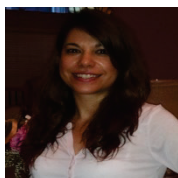
FORUM SPEAKERS



CARLY ADERTON

Engineering, Northrop Grumman

Carly works at Northrop Grumman in Baltimore, MD, and has 15 years of experience in radar systems engineering as a radar system designer, analyst, integrator, tester, and more recently system architect and technical lead on systems tasked with meeting requirements in the presence of electronic attack, demanding electromagnetic environments, and other challenging issues requiring the trade of cost, schedule, and performance in areas of hardware, software, firmware, waveforms, algorithms, signal processing, and other systems engineering aspects. She lectures in the Northrop Grumman radar systems engineering course, and was a reviewer of George Stimson's 3rd Edition of Introduction to Airborne Radar. She received a BS in Electrical Engineering from Lehigh University in Bethlehem, PA, in 2002, and an MS in Electrical Engineering from Johns Hopkins University in Baltimore, MD, in 2008.



MERCY BODARKY

Program manager for the Integrated Solutions Team of IBM Research

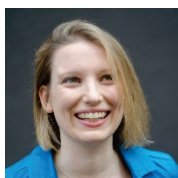
Mercy Bodarky is a Program manager for the Integrated Solutions Team of IBM Research. In this role, Mercy works across several disciplines including IT Security, IT & business operations and collaboration. She manages several global security programs for all services to the division. Mercy is an active member of the IRI and ACM. She also serves as the webmaster for the SWE, NY City chapter. In her spare time develops outreach projects to educate students of all ages to STEM careers.



DEB BORGERDING

Roadmap Development for Northrop Grumman

Deb was raised in Baltimore, MD, earning a B.S. in Mathematics from Loyola College and an M.S. in Applied Mathematics from Johns Hopkins University. She was hired to Northrop Grumman (then Westinghouse) directly from college, and her experiences range from Design Development to Integration and System Management. She is currently concentrating on Roadmap Development for Northrop Grumman products, and spends considerable time working directly with customers.



LINDSAY CLAIBORN

Real Time Video Desk Editor for McClatchy

Lindsay Claiborn is a multimedia journalist with a background in television and online video reporting. She is currently the Real Time Video Desk Editor for McClatchy and was previously a Regional Video Editor based at the Miami Herald. Her past positions include work as a digital/online producer at FOX Sports and as a video reporter/producer for Reuters Television in Washington, D.C. and Los Angeles. She received her B.A. in Government and Film Studies from Claremont McKenna College and earned her M.S. in Broadcast Journalism from the Medill School of Journalism at Northwestern University.

FORUM SPEAKERS



REENA DAHLE

Assistant Professor in Electrical Engineering at the Division of Engineering Programs at the State University of New York (SUNY) New Paltz

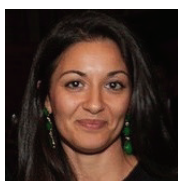
Reena Dahle is currently an Assistant Professor in Electrical Engineering at the Division of Engineering Programs at the State University of New York (SUNY) New Paltz. She received her Ph.D. from the University of Waterloo, Ontario, Canada in the area of RF and microwave microelectromechanical systems (MEMS). She has also worked at L3-MITEQ as a senior microwave systems engineer overseeing the design of high-performance components and systems for satellite communication and earth systems. Her research interests include biomedical wireless sensing, RF energy harvesting and 3-D printed microwave components. She is also the founder of the group, Women In Science and Engineering (W.I.S.E.) at SUNY New Paltz, a group geared toward growing the number of women in STEM using novel methods to engaging females from K-12, through university to industry including social networking, summer camps, and minor programs. For more information about this group, please visit: <http://wisenewpaltz.wixsite.com/npwise>.



VALENTINA VIDEVA DUFRESNE

Product Management and Process Development Director of the ADAS Business Unit at Sensata Technologies

Valentina Videva Dufresne is a Product Management and Process Development Director of the ADAS Business Unit at Sensata Technologies, establishing and developing the new Business Unit and team; establishing Financial targets and performance and helping develop a business unit strategy to become a key player in the New Mobility market. While staying with the same company for 20 yrs, Valentina has had multiple careers - starting as a Manufacturing Engineer responsible for the Process, Yield and Quality manufacturing lines for automotive sensors; Process Design and Development for new products; An expatriate at the Sensata Facility in Mexico as Engineering supervisor for 3 yrs insuring the success of a newly established plant; an elected Member of the Technical Staff as a recognition for excellence in technical contributions. Once back in Attleboro, Valentina moved to Director Roles for Process Engineering and later Product Management with responsibility for Operational and Financial performance, as well as New Product Launches. Throughout her career, Valentina remained tireless in Learning and Problem solving, and is a certified Six Sigma DMAIC Green Belt. She has applied this passion in the Diversity and Inclusion activity and is a founding member of the D&I engineering council at Sensata Technology. As of 2017 she is the chair of the Attleboro Diversity and Inclusion Council with mission to embrace and support a diverse work culture, with initial focus on gender diversity in the engineering community, specifically improving the hiring, retention and leadership development of women. Valentina graduated Summa Cum Laude with a BS in Mechanical Engineering from Norwich University. Her real highest honor is being a mother of two preteen girls and spending time with her family reading, drawing, DIYing, and explaining the meaning of words such as "capacity"...



SOPHIA FADLI

Cyber Intelligence and Defense Analyst

Sophia Fadli is a Cyber Intelligence and Defense Analyst and speaks 3 different languages with focus on the EMEA region. She has a Bachelor's degree in Computer Information Systems and is currently pursuing her Master's degree in Information Assurance. Sophia is a campaigner in advancing women in information security. She served as the program manager for CGA (CyberJutsu Girls Academy) cyber competitions program helping Middle and High School girls compete in different cyber competitions including US CyberPatriot Competition. Presently she is the Co-Founder of BSidesNoVA, an annual Cybersecurity Conference hosted at Center for Innovative Technology in Herndon, VA. BSidesNoVA is active building NoVA's cyber community throughout the year hosting bi-weekly free technical training and leading weekly training for a high school CTF competition team. Sophia currently works as Cyber Defense Analyst for a global insurance company

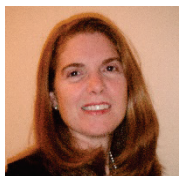
FORUM SPEAKERS



GRAHAM FULLER

Senior Relationship Manager, Consumer's Professional Occupations Practice, Mercer

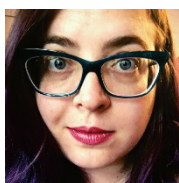
Graham Fuller is the senior relationship manager assigned to Mercer Consumer's Professional Occupations Practice. His overall responsibilities include managing a nationwide team of professional occupations relationship managers, as well as directly overseeing the relationship with Mercer Consumer's largest professional occupations client. In addition, for the past 15 years, Mr. Fuller has worked very closely with Mercer Consumer's carrier partners, specifically New York Life Insurance Company. Mr. Fuller has a Bachelor's degree, political science from the University of Iowa, Iowa City, Iowa



ANGEL GRANT

Director of Fraud and Risk Intelligence, RSA

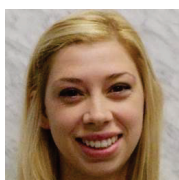
Angel Grant, CISSP is Director of Fraud and Risk Intelligence business unit at RSA. While at RSA she has lead the go-to market strategy, planning and execution for several product portfolios including; Enterprise and Consumer Authentication, Identity and Access Management, Anti-Fraud and Threat Intelligence solutions. Prior to joining RSA, she was an Online Banking Senior Product Manager at P&H Solutions where she helped launch one of the industry's first online corporate cash management applications. Previously, she managed a mortgage division inside sales and service team for a large financial institution. Grant holds a B.S. from Bentley University and studied at Oxford University.



JULKA GRODEL

Principal Software Engineer at Framebridge

Julka Grodel works on code empowering people to frame everything they love. She is a Principal Software Engineer at Framebridge, a DC startup disrupting the custom art framing market. Julka is passionate about writing easily maintainable and extendable code and has worked professionally in web development for over a decade. When not toiling away for her corporate overlords, she spends her time volunteering on literacy projects with the Junior League, in a pilates studio, or doting over her blind cat Batman and his BFF Robin.

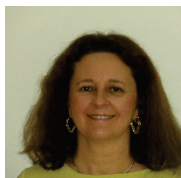


EMILY HAIDEMENOS

New Product Development Quality Engineer at Sensata Technologies

Emily Haidemenos has been a New Product Development Quality Engineer at Sensata Technologies in Attleboro, MA for the past three years. In her role, she works with multiple cross-functional engineering teams to ensure the effectiveness of quality systems. She most recently developed a new Design For Manufacturing process to further improve the cycle time and effectiveness of the Sensata New Product Development process. Emily received her Master's Degree in Design and Manufacturing Engineering from the University of Massachusetts Lowell and is Six Sigma Black Belt certified. Outside of her day job, Ms. Haidemenos is an active member of her local Attleboro STEM community as well Sensata's STEM committee. She has worked with both communities on many joint projects such as STEM Saturdays, competing in the Cambridge Science Festival 2016 TENacious Engineering Rube Goldberg challenge, and creating a three-year mentorship program for local middle school girls. The mentoring program is now in its third year and has been so successful that a replication effort is in place to start a program for middle school boys. In addition to STEM outreach projects, Emily is co-chair of the Attleboro Women's initiative, a 28-year-old committee, focused on creating a culture that values and leverages the diversity and strengths of Sensata's women.

FORUM SPEAKERS



LORRAINE M. HERGER

Director of Research Integrated Solutions and CIO of IBM Research

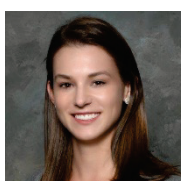
Lorraine M. Herger, IBM Research Division, Thomas J. Watson Research Center, Yorktown Heights, NY 10598 USA (herger@us.ibm.com). Ms. Herger is the Director of Research Integrated Solutions and CIO of IBM Research, a worldwide organization with 12 locations; a Master Inventor, with over 40 patents, 20 publications and a Senior Technical Staff Member. Lorraine received the 2017 CIO 100 award for innovative use of technology to drive business. Ms. Herger is Treasurer of the Society of Women Engineers, New York Section (SWE-NY), a Senior Member of the Institute of Electrical and Electronics Engineers (IEEE), and an ABET (Accreditation Board for Engineering and Technology) Program Evaluator.



CINDY JONES

Principal Security Consultant with Rapid7

Cindy Jones brings over 20 years of specialized IT and security experience to her role of Principle Security Consultant with Rapid7. Cindy maintains a CISSP and MCP certifications. She has worked in multiple arenas including Federal, education, technology and healthcare and has a background in development, maintenance and management of information security programs. In her current role, Cindy assists clients in determining the most effective means of improving upon their information security programs. Cindy studied Psychology while in her home town of Los Angeles, and is currently enrolled with Western Governors University, earning a Bachelor of Science degree in Information Technology - Security. Cindy is actively involved within the information security community and volunteers her time by leading the registration team for BSides Las Vegas, volunteers for DerbyCon, and DEF CON.



LINDSEY KOSTKOWSKI

Engineering, Northrop Grumman

Lindsey received her B.S. degree in Electrical Engineering in 2014 from Virginia Tech. She is currently pursuing her M.S. degree in Electrical Engineering from Johns Hopkins University. Since joining Northrop Grumman in June 2014, she participated in the Professional Development Program rotating into many different departments. She completed rotations with the hardware engineering department designing filters, as well as the systems engineering department working on radar mode and algorithm development. Currently she is a radar systems engineer working on air-to-air mode design. Prior to accepting the position in the Professional Development Program, she interned in the Advanced Concepts & Technology Division at Northrop Grumman designing chip packages to be implemented with superconducting circuits.



BERNADETTE LONGO

Associate Professor in the Department of Humanities at New Jersey Institute of Technology

Bernadette Longo is an Associate Professor in the Department of Humanities at New Jersey Institute of Technology. She is the co-author of *The IEEE Guide to Writing in the Engineering and Technical Fields* (IEEE/Wiley Press, September 2017). She is also the author of two books: *Edmund Berkeley and the Social Responsibility of Computer Professionals* (ACM Books/Morgan & Claypool, 2015) and *Spurious Coin: A History of Science, Management, and Technical Writing* (SUNY Press, 2000), and a co-editor of *Critical Power Tools: Technical Communication and Cultural Studies* (SUNY Press, 2006). Dr. Longo is the author of numerous articles, in addition to having presented her work at national and international conferences. She earned her Ph.D. in Rhetoric and Communication from Rensselaer Polytechnic Institute in 1996.

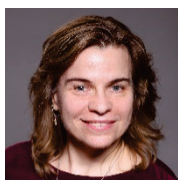
FORUM SPEAKERS



MÓNICA LÓPEZ-GONZÁLEZ

Co-Founder and Executive Scientific & Artistic Director of La Petite Noiseuse Productions

Dr. Mónica López-González is an English, French, Spanish, Italian-speaking Cognitive Scientist, Multidisciplinary Artist, Educator, Entrepreneur, Public Speaker, Science Communicator, and Writer. Fascinated by the cognitive relationships between creative artistic, emotional, musical, and linguistic behavior, she merges methods, data, and theory from both the Sciences and the Arts. She is the Co-Founder and Executive Scientific & Artistic Director of La Petite Noiseuse Productions, a company at the forefront of innovative Science-Art integration pushing the boundaries of empirical experimentation, artistic storytelling, and public engagement in various languages. In her role of Scientific Director, she heads the company's unique research and development program in creativity and human intelligence. In her role of Artistic Director, she develops and creates the company's original artistic content as writer, director, photographer, and actor within music, theatre, film, and photography. Her speaking engagements include with Dr. deGrasse Tyson on StarTalk TV for National Geographic and many international conferences and festivals (Scotland, Spain, Mexico, Italy). Mónica holds B.A. degrees in Psychology and French, and a M.A. and Ph.D. in Cognitive Science, all from Johns Hopkins University, a Certificate of Art in Photography from Maryland Institute College of Art, studied piano in the Preparatory and Conservatory at the Peabody Institute, and was a postdoctoral fellow at the Johns Hopkins School of Medicine.



SARAH LYON

Engineering, Northrop Grumman

Sarah was raised in Baltimore, MD, earning a B.S. in Computer Engineering from Virginia Tech and an M.S. in Applied Mathematics from Johns Hopkins University. She has had multiple technical roles in 28 years at Northrop Grumman, encompassing software engineering, systems engineering, and algorithmic development, participating as both a team engineer and technical lead. Her career spans projects in Air Traffic Control Radars, Real-Time Bus Tracking/Management Systems for city transit systems, and Airborne Surveillance Radars.

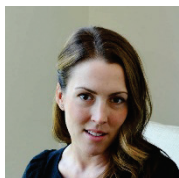


LEAH MACMILLAN

Head of Corporate Marketing at Trend Micro

As the head of corporate marketing at Trend Micro, Leah MacMillan is responsible for the marketing strategy, message and brand image that drives interest and preference for the company and its solutions. As the 'chief storyteller', she is passionate about products and innovation, and strives to find compelling and creative ways to express Trend Micro's story to customers, partners, analysts, shareholders and the media. Leah's unwavering love for software development and high-tech marketing began over 25 years ago when she first joined Corel Corporation, a dynamic consumer graphics software company. Since then she has held senior product management and marketing leadership positions at Entrust, a respected enterprise security company, at IBM Cognos, a proven leader in business analytics, and now at Trend Micro. She has a Bachelor of Commerce in Marketing and International Business from McGill University.

FORUM SPEAKERS



CAROLYN C. MATHEUS

Associate Professor of Information Systems at Marist College

Dr. Carolyn C. Matheus is an Associate Professor of Information Systems at Marist College. She holds a PhD in Organizational Studies with an emphasis on leadership and work motivation from the State University of New York (SUNY) at Albany. She teaches undergraduate courses in information technology and systems with a focus on information quality and human computer interaction, as well as graduate courses with a focus on data analytics and C-level leadership in technology organizations. Her undergraduate and graduate coursework mirror her research streams, with a focus on designing computer systems for a diverse user base and leveraging technology for interdisciplinary applications. Dr. Matheus' research has been published in a number of prestigious journals, including the ACM Journal of Data and Information Quality and Communications of the Association for Information Systems. She has participated as a reviewer for the IEEE Access Journal as well as the ACM and IEEE Computer Society curricular report joint initiative IT2017: Curriculum Guidelines for Undergraduate Degree Programs in Information Technology. She serves as an internship coordinator, assisting CS/ITS students with building their resumes and developing interviewing skills, as well as initiating and maintaining relationships with alumni and companies who provide internships and jobs to students. She offers a seminar on authentic leadership for the Emerging Leaders Program to help students explore their leadership style and develop leadership skills.



LYDIA MISCH

Design Engineer of Automotive Pressure Sensors at Sensata Technologies

Lydia Misch has worked at Sensata Technologies for 19 years as a design engineer of automotive pressure sensors. She is enthusiastic about good design and for failure analysis that leads to deeper understanding. She is a Member of the Technical Staff on Sensata's Technical Ladder. Lydia has been actively involved for several years with the Engineering Council efforts to increase diversity and inclusion in Sensata's technical ranks. She formed the Technical Women's Network at Sensata to provide a community for technical women to come together and support each other. She is an active member of Sensata's Attleboro Women's Initiative. Lydia graduated from Brown University with a BS in mechanical engineering. She is a certified 6-Sigma Black Belt and is a registered Professional Engineer (PE) in mechanical engineering. Lydia enjoys running, cycling, crafting, reading, exploring, and eating delicious food with family and friends.

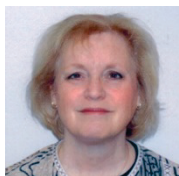


WENDY MOOMAW

Team and Leadership Coach | Facilitator | Speaker

Wendy is a software engineer and business leader, an embodied athlete, an adventurer, and a community-igniter. She brings this grounded experience and dynamic energy to the groups and teams she works with, helping them reach beyond expectations. Wendy coaches leaders and their teams by integrating tools across the coaching and facilitation spectrum including emotional intelligence, team coaching and facilitation modalities, somatic sensing, and the interplay of energy dynamics. Wendy developed a coach development program for the Leadership Essentials Program at Loyola University of Maryland. She spoke about possibilities in parenting and community, delivering a TEDx Talk, "Mind the Gap: Parent Like a Leader" and at Ignite Howard County, "Transform an Idea into Reality in 5 minutes." Wendy is certified as an ICF ACC Coach, certified in the Leadership Circle Profile, certified in the Hogan Assessments and certified in the Team Dialogue Indicator, a team conversations tool. She earned her Leadership Coaching and Facilitation Certificates from Georgetown University, her MBA and MS in Finance from the Smith Business School of the University of Maryland and her BSCIS in Software Engineering from The Ohio State University.

FORUM SPEAKERS



MAURA K. MORAN

Partner at Cambridge Technology Law LLC

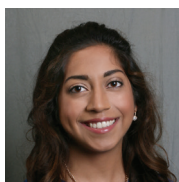
MAURA K. MORAN is a partner at Cambridge Technology Law LLC, where she advises on Intellectual Property (IP), technology transfer, licensing, and strategic alliances. She advises R&D, sales, licensing, and marketing teams of global enterprises, small businesses, start-ups and universities. She is also serves on the IEEE-USA Board of Directors as 2016 – 2017 Vice President for Government Relations, providing direction and oversight of IEEE-USA's government relations program and policy committees, and advocating to the U.S. Government on issues such as immigration, R&D, STEM education, entrepreneurship and innovation, aerospace, transportation, communication, cybersecurity, and Intellectual Property (IP).



RASHI NARAIN

Lead Associate, Strategic Innovation Group, Booz Allen Hamilton

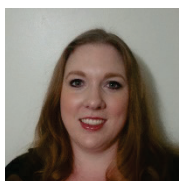
Rashi Narain is a Lead Associate with Booz Allen Hamilton's Cyber Futures Strategic Innovation Group. She focuses her work on optimizing program delivery by leveraging data analytics for strategic decision-making and execution. Rashi manages multiple efforts that include full time client work, leading operations and support of the team, and internal firm's investments to develop and market new capabilities that produce valuable intellectual capital. She is also the Washington DC Regional Ambassador for the Society of Women Engineers in the firm. Outside of her engineering profession, Rashi has a love for the performing arts. In March 2011, Rashi founded Sharanya, a school to impart training in the classical Indian dance style of Bharatanatyam to students of all ages. Through the organization, she motivates students to understand the theory and practice that drives the art form by teaching traditional choreography through engaging and relevant approaches. She continues to collaborate with other dance companies for performances as well as in its arts education and outreach work in the Washington, DC metropolitan area. Ms. Narain holds a Bachelor of Science degree in Mechanical Engineering from the University of Maryland, College Park and a Master of Science in Project Management from George Washington University.



JAI NARAYANAN

Eastern Region Contracts Specialist, Rockwell Automation

Upon completing her bachelor's degree in Industrial Engineering at the Pennsylvania State University, Jai Narayanan joined Rockwell Automation's sales organization supporting business development in Southeastern Pennsylvania. After discovering her knack and skill for promoting the services portfolio, she joined Rockwell Automation's contract services group and now provides commercial support and expertise for the Northeastern United States. Outside of automation, Jai's main passion is supporting diversity and inclusion initiatives. Her leadership roles within Rockwell Automation's Employee Resource Groups (ERGs) have provided her a platform for empowerment of females and minorities within the automation industry. Fostering a strong culture of inclusion is vital to innovation and company success, and Jai strives to help strengthen her company's devotion to diversity and inclusion.



NICOLE NEWMAYER

Capabilities Strategy Lead for the Internet of Things Enterprise Functional Team at the NSA

Nicole A. Newmeyer is the Capabilities Strategy Lead for the Internet of Things Enterprise Functional Team at the NSA. She is responsible for guiding short term and strategic information providing technical leadership to capability development teams, and providing technical guidance to leadership. She is currently in the Agency's Senior Technical Development Program, focused on the Internet of Things. Ms. Newmeyer has held technical leadership positions in both the signals intelligence and information assurance missions at NSA. She holds a B.S. in Computer Science from the University of Maryland, Baltimore County, and is currently working toward an M.S. in Technology Intelligence at the National Intelligence University.

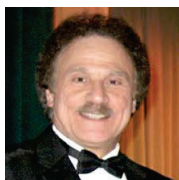
FORUM SPEAKERS



JUNE PARK

Senior Member of the Technical Staff, Sensata Technologies

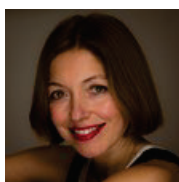
June Park has worked at Sensata Technologies for ~20 years in design engineering for automotive sensors. She has been involved with acceleration sensors, and pressure sensors that communicate wirelessly and by wire. She has led technical quality improvement efforts for some of Sensata's largest customers and launches of a number of derivative and new products. She is a Senior Member of the Technical Staff on Sensata's Technical Ladder in recognition of Technical Innovation and Leadership. June is also an active member of the Attleboro Women's Initiative and is involved in recruiting as she is passionate about ensuring that all people have equal access to roles within Sensata. She is a trained 6-Sigma DMAIC Black Belt and is a certified Green Belt. June graduated cum laude with a BS in mechanical engineering from Yale University earning distinction in the major. She also has her PE in mechanical engineering. June enjoys spending time her 3 year old son and husband. When she can, she enjoys traveling, riding her bike, hiking, playing ultimate frisbee and soccer.



BOB PELLIGRINO

Social Event Coordinator, IEEE WIE Forum USA East; IEEE & IEEE WIE Member

Robert M. Pellegrino has been an IEEE volunteer for over 40 years. Since retiring from the Consolidated Edison Company of NY as the Manager of Environmental Operations in the Manhattan Electric Control Center, he has become more involved in IEEE volunteer activities. Bob is currently the IEEE Region 1 Section Vitality Coordinator, Vice Chair – IEEE METSAC Council, Vice Chair Chapter Operations, IEEE NY Section, PACE Chair – IEEE NY Section, Chair – IEEE Tappan Zee Subsection, Special Events & Operations & Procedures Manual Chair – IEEE NY, PES/IAS Chapter. Bob is also a member of the Region 1 Audit Committee and has served on the Audit & Nominating Committees for many years in the NY Section and PES/IAS Chapter. One of Bob's accomplishments when he was the Chair of the IEEE NY Section in 2003 was to establish the Women in Engineering (WIE) Affinity Group in the NY Section. He became the first WIE Chair, but subsequently mentored several women engineers who successfully chaired the WIE Affinity Group since 2004. Bob was a member of the Organizing/Planning Committee for the first Joint Region 1 / Region 2 WIE Professional Development Conference in 2009 and is still actively involved in this conference. He has been an active WIE member for many years.

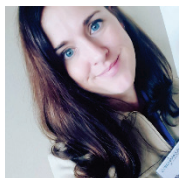


MARYAM RAHMANI

Global Partnership Officer at Global Cyber Alliance

Maryam Rahmani is The Global Partnership Officer at Global Cyber Alliance where she uses her extensive technology sales and business development experience and Cybersecurity policy knowledge base to support GCA's mission, "eradicating systemic cyber risk cross-sector and across the globe. Maryam holds a master of science in cybersecurity policy from the University of Maryland University College and a bachelor of science in Electrical Engineering from the University of Florida. She is a Certified Information Systems Security Professional. Maryam is deeply committed to outreach and awareness activities in support of encouraging more women to pursue careers in science and technology especially information security. With Dr. Charlotte Blair and Anna Romaniuk, Maryam serves as the Technical Co-Chair for the 2017 IEEE R1 & R2 Women in Engineering (WIE) Forum East. She is the IEEE-Computer Society Membership Chair for Washington-Northern Virginia chapter. She is an active member of the ISSA Women in Security (WIS) Security Interest Group(SIG). She had served as a board member of Society of High Performance Computing Professional (SHPCP). She advocates STEAM (STEM+Art) career for women.

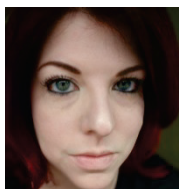
FORUM SPEAKERS



KIRSTEN RENNER

Director of Talent Acquisition, Novetta

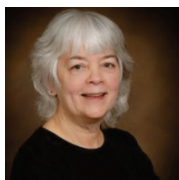
Kirsten Renner is the Director of Talent Acquisition and has over 20 years of technical recruiting experience. After a short while working as a software developer then help desk manager, while studying Human Resources Management at University of Maryland University College, she combined her love for technology and HR by becoming a Technical Recruiter at a start up ecommerce firm in 1999. She then moved to recruiting in Telecom and has been primarily supporting the Information Security field, mostly for the Intelligence Community, since 2008 before joining Novetta in Sept 2016.



VICTORIA RICHARD

Leads competitive intelligence (CI) for Greenberg Traurig, LLP

Victoria Richard has provided insights, intelligence and strategy guidance for SaaS start-ups and technology firms, and currently leads competitive intelligence (CI) for Greenberg Traurig, LLP. She was recognized in 2016 as an Outstanding New Leader by the Special Libraries Association (SLA) CI Division, and is passionate about building knowledge communities which make intelligence work accessible to all. She founded the Boston Intelligence Meetup and organizes the Boston Insight Circle (powered by Aurora WDC); she is also an active member of SCIP and Chair-Elect for the SLA CI Division. A frequent industry blogger and speaker, she holds a B.A. in Communication Processes from the University of Connecticut, a M.A. in Communication from the University of NC at Greensboro, and a MBA and graduate certificate in CI from the Johns Hopkins University Carey Business School.



CANDY ROBINSON

IEEE-USA President Elect; Software Engineering Manager for Lockheed Martin MST

Candy Robinson is currently a Software Engineering Manager for Lockheed Martin MST, assigned to the F-35 program. She worked as a design and software engineer for Lawrence Livermore National Laboratory, the Superconducting Super Collider Laboratory, and for the Boeing Company. She has published papers at the IEEE Nuclear Science Symposium and for the SWE National Convention. She is a Distinguished Toastmaster, ACM member, IEEE Certified Software Development Professional (CSDP), and Life member of SWE. She has served in many career guidance activities, including MathCounts, IEEE's Teacher in Service Program (TISP), Girl Scout badge workshops, science fair judging, career fair presentations, Expanding Your Horizons conference chair and presenter, and Future Cities judge. She received a BSEE degree from the University of Texas at Austin (1977), an MSCS degree from the University of California at Davis (1986), and an MBA in Engineering and Technology Management from the University of Dallas (1999).

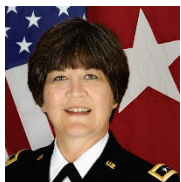


CHARLES RUBENSTEIN

Treasurer, IEEE WIE Forum USA East; Professor at Pratt Institute

Charles chairs the IEEE-USA Conferences Committee, is the Region 1 Student Activities and Conferences Coordinator and Member-Emeritus of the Technology and Engineering Management Society AdCom. In addition to being our Forum Treasurer, he is also Chair or Treasurer of several IEEE conferences, a member of the IEEE Conferences Committee, and the coordinator of the IEEE Booth at the World Maker Faire New York. He was 2010-2011 IEEE Director and Region 1 Chair (NE USA) and has also served as a member of the IEEE's Educational Activities Board, Member and Geographic Activities Board, Publications Products and Services Board, Technical Activities Board, and United States Activities Board. Dr. Rubenstein is professor of engineering and information science at Pratt Institute where he teaches electronics and Arduino computer design courses for non-engineering students in the architecture, art and design schools.

FORUM SPEAKERS



MAJOR GENERAL MIYAKO SCHANELY

Commander, 416th Theater Engineer Command

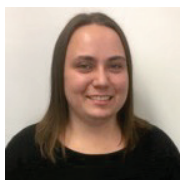
Major General Schanely was commissioned in 1986 through the United States Military Academy at West Point and served on active duty as an Engineer officer for more than seven years, with assignments in Germany and Panama with humanitarian deployments to Honduras, Guyana, Uruguay, and El Salvador. Major General Schanely holds a Bachelor of Science in Engineering Management from the U.S. Military Academy, a Master of Business Administration from the University of Rochester, a Master of Strategic Studies from the U.S. Army War College, and a Master of Arts in Community Economic Development from Southern New Hampshire University. Her awards and decorations include the Legion of Merit (with two Bronze Oak Leaf Clusters), Meritorious Service Medal (with Silver Oak Leaf Cluster), the Army Commendation Medal (with Silver and Bronze Oak Leaf Clusters), the Army Achievement Medal, the Parachutist Badge, and the Jungle Expert Badge. In 2013, Schanely became the U.S. Army's first Japanese-American female to be promoted to General Officer. She recently became the first female Engineer Officer in the U.S. Army to be promoted to Major General (2-star). In her civilian career, Major General Schanely is the Executive Director of the State University of New York (SUNY) North Country Consortium. She and her husband Steve reside in Black River, New York, and have two grown children, Michael and Teresa.



ADRIENNE SHOCH

Founder, 5 to 1 Consulting

Adrienne Shoch is founder of 5 to 1 Consulting, an innovative consulting practice which focuses on the ways in which the brain and body influence behaviour, decision making and bias. She is a cutting edge thought leader, as well as a leadership and organizational development (OD) executive with more than 25 years' experience working across industries and functions with domestic and global organizations. She provides an integrative, holistic approach to coaching, learning and professional development with focus on leadership capability, as well as business development. Her methodology is pragmatic and relevant across scale, as well as all aspects of personal and professional transformation. Her development philosophy blends positive leadership, body awareness, mindfulness and communication skill with research and science based practices. Her breadth of experience includes launching and leading Thales University North America for Thales Group, managing HR functions across Europe as an expatriate for CGI (formerly AMS), leading consulting engagements for the World Bank, coaching and training sales and leadership teams, guest lecturing at Salisbury University School of Communication Arts and working with elite athletes as a sports massage therapist.



ALICIA SCOTT

Senior, Electrical Engineering at the State University of New York at New Paltz

Alicia Scott is currently in her senior of Electrical Engineering at the State University of New York at New Paltz. She has professional interests in renewable energy, power engineering, and RF design. Alicia is one of the first women to enroll in the Engineering School at SUNY New Paltz after having children. She is active in WISE where she works as a Student Camp Coordinator for WISE Girls Engineering Summer Camp and STEM outreach through the Girl Scouts.

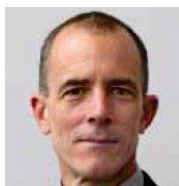
FORUM SPEAKERS



KATHLEEN SMITH

Chief Marketing Officer for ClearedJobs.Net/CyberSecJobs.Com

Kathleen Smith is the Chief Marketing Officer for ClearedJobs.Net/CyberSecJobs.Com, both veteran owned companies, where she spearheads the community-building, and communications outreach initiatives catering to the both organizations' many audiences including security cleared job seekers, cybersecurity candidates and military personnel as well as cleared facilities and cyber security employers. Kathleen has built key relationships with recruiting industry leaders as well as community insiders over the last 15 years in the community. Kathleen has presented at several security conferences on recruiting and job search within the cyber security world to include BSidesLV, BSidesTampa, BSidesDE, FedCyber. Kathleen volunteers in the cybersecurity community; she is the Director, HireGround, BSidesLV's two day career track; Women in Cybersecurity, National Conference Planning Committee, and Women in Cybersecurity Celebration Planning Committee. Kathleen is a frequent contributor to The CyberWire on recruiting and job search within the cybersecurity community and was recently featured in a two part Federal Game Changers podcast. Finally, Kathleen is well respected within the recruiting community and is the co-founder and current President of recruitDC, the largest community of recruiters in the Washington DC area.



DOUG STROTT

Distinguished Member of the Technical Staff, Sensata Technologies

Doug Strott has worked at Sensata Technologies for 34 years in design engineering. Doug's work has spanned nearly all of Sensata's markets and product technologies. He is currently a Distinguished Member of the Technical Staff on Sensata's Technical Ladder and is responsible for new technology development for industrial sensing. Doug serves as the Chair of Sensata's corporate Engineering Council, coordinating the development and deployment of engineering tools and policies across the company. In this role, Doug initiated and leads Sensata's engineering diversity and inclusion work. Doug received his BSME from Duke University, SMME from MIT, and MSEE from WPI. Outside of work Doug enjoys bicycling, running, kayaking, hiking, museums, theater, and time with family.

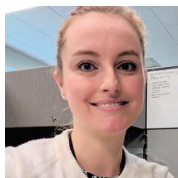


LAUREN THOMPSON

Director of the Department of Defense (DoD)/Department of Veterans Affairs (VA) Interagency Program Office (IPO)

Dr. Lauren Thompson serves as the Director of the Department of Defense (DoD)/Department of Veterans Affairs (VA) Interagency Program Office (IPO), collaborating with the Office of the National Coordinator for Health Information Technology (ONC), Standards Development Organizations, and other public and private partners to support national interoperability efforts. In this role, she leads the DoD and VA's efforts to implement national health data standards for interoperability, and guides the IPO as the single point of accountability for identifying, monitoring, and approving clinical and technical data standards and profiles. Further, Dr. Thompson leads the IPO to ensure the seamless integration of health data between the two Departments and private healthcare providers.

FORUM SPEAKERS



CAT (CATHERINE) VACHON

US-based Diversity & Inclusion Specialist

Cat (Catherine) Vachon is a US-based Diversity & Inclusion Specialist. An inherently empathetic person, Cat has enjoyed work in Human Resources for the last 5 years with roles from Onboarding Specialist to Project Management. Cat is a 2015-2016 winner of the National Association of Professional Women's (NAPW) "Woman of the Year Award" for her dedication, commitment, and enthusiasm for her work. Being a self-proclaimed "Air Force Brat" Cat was born in the Southern US, moved to Germany for a few years before settling back in the US Northeast. Cat graduated from the University of Rhode Island with Double Majors in Art History and French Language. In her spare time, she likes to watch movies with her husband, snuggle her cats, read, get crafty, and travel. She considers herself an "inside cat" since most of her favorite activities can be done from the couch, under a blanket, with a cup of coffee in one hand.



AMORY WAKEFIELD

Director of Product at True Fit Corporation

Amory Wakefield is currently Director of Product at True Fit Corporation in Woburn, MA. She has spent over 15 years managing products at top technology companies in Massachusetts, including MathWorks, Texas Instruments, and E Ink. Amory is passionate about helping women and other under-represented groups succeed in technology careers. She volunteers time to many initiatives, including programs sponsored by Big Sister, MentorNet, Smith College Picker Engineering Program, Cambridge Friends School, UMass Lowell and MIT. In addition, she served for over a decade on the Alumnae Board of the MIT Women's Independent Living Group, helping young women develop leadership skills and navigate entering the workforce. Professionally, she has served as an official mentor within several organizations, and continues to be an informal mentor to many current and former colleagues. Amory has been a member of IEEE since 1997 and is currently a member of the IEEE 3D Body Processing Working Group. Amory has both a Bachelors and Masters degree from MIT in Electrical Engineering.



BRIAN WILKIE

Senior Director of Engineering and Program Management for the Heavy Vehicle and Off-Road Sensors business at Sensata Technologies

Brian Wilkie is the Senior Director of Engineering and Program Management for the Heavy Vehicle and Off-Road Sensors business at Sensata; leading a global team developing and launching new sensor products for this market. Brian has worked at Sensata Technologies for almost 20 years. Much of that time has been spent in design engineering roles, developing products in areas such as pressure sensing and force sensing. In his current role, Brian is responsible for growing Sensata's Global Heavy Vehicle and Off-Road Sensors business, and is responsible for development teams in the US, Netherlands, Japan, and Mexico.

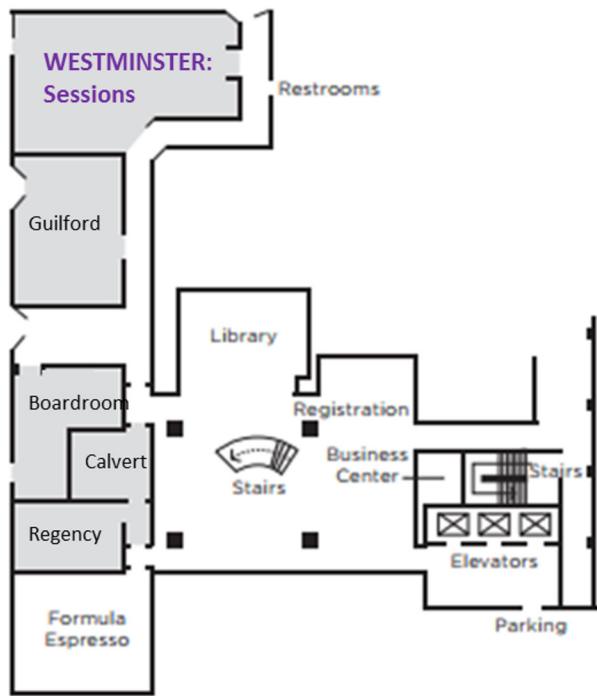
Brian graduated with a BS in mechanical engineering from Worcester Polytechnic Institute. Outside of work, Brian enjoys spending time with his family, including 2 young daughters, as well as woodworking and home improvement projects.



MUMU (HUAN) XU

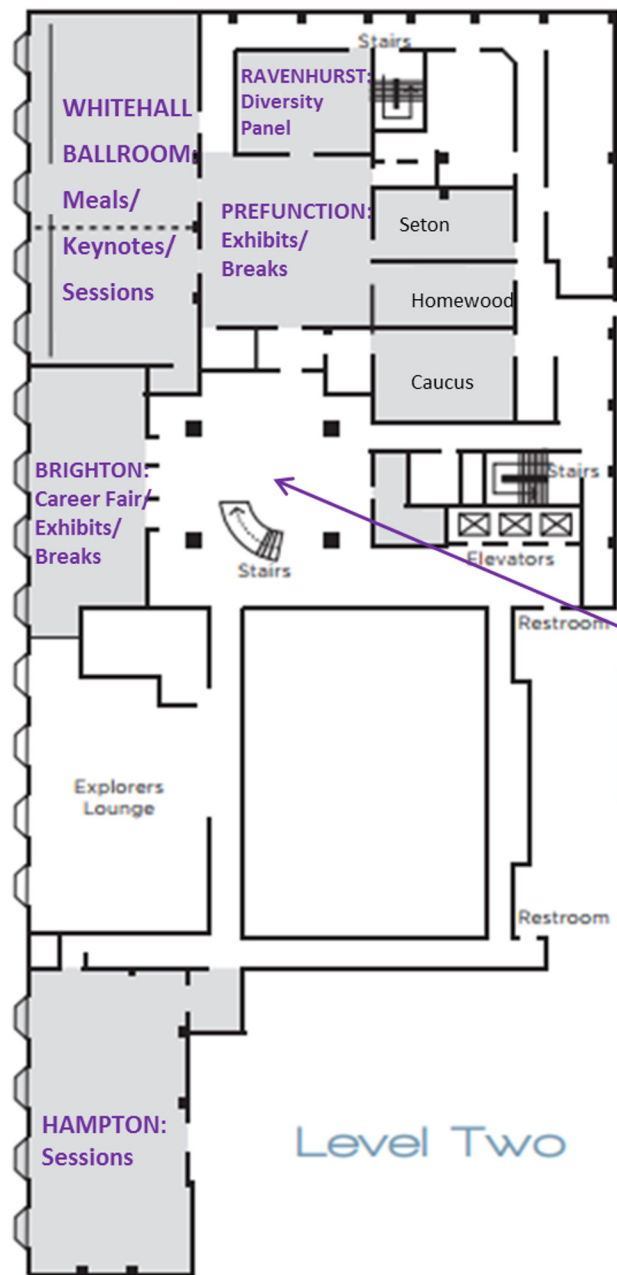
Assistant Professor in Aerospace Engineering and the Institute for Systems Research at the University of Maryland

Mumu Xu is an assistant professor in Aerospace Engineering and the Institute for Systems Research at the University of Maryland. She graduated with an S.B. in Mechanical Engineering and Material Science from Harvard University in 2007, and an M.S. and Ph.D. in Mechanical Engineering from the California Institute of Technology in 2008 and 2013. Her research focuses on controls and formal methods with applications to cyber physical systems, autonomy, motion planning, and artificial intelligence.



Lobby Level

ROYAL SONESTA HARBOR
COURT
BALTIMORE



Level Two



NOTES



ILC 2018

IEEE WOMEN IN ENGINEERING
INTERNATIONAL LEADERSHIP CONFERENCE

21-22 May, 2018
San Jose, California, USA
contact@ieee-wie-ilc.org

LEAD BEYOND

Accelerating Innovative Women
Who Change the World!

1500+
attendees

90%+
professionals

40+
countries

100+
speakers





Join IEEE WIE today!
<http://wie.ieee.org/join>