Beyond the Basics
On behalf of the students, staff, and faculty here in the Edward P. Fitts Department of Industrial and Systems Engineering at NC State, I would like to welcome you to the 2018 IISE Mid-Atlantic Regional Conference.

It is an exciting time here at NC State as the ISE Department is preparing to transition from our current home in historic Daniels Hall to a new state-of-the-art facility - The Engineering Oval Building - located on NC State’s Centennial Campus right next to the world-renowned James B. Hunt Jr. Library. I encourage you to take some time this weekend and visit this one-of-a-kind facility known simply as the “Library of the Future.”

I’d like to thank each of you for attending our conference and bringing your expertise and experience to our gathering. Throughout this conference, I encourage you to stay engaged and help us shape the future of industrial and systems engineering. My personal respect and thanks goes out to all of you.

Special thanks to our conference chairs: Musaab Alamoudi, Ben Boyd, Nicole Niemer

**SATURDAY**
February 10th

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>8 - 8:45am</td>
<td>Breakfast and Late Check-In</td>
<td>DoubleTree - R</td>
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<tr>
<td>8:45 - 9:15am</td>
<td>Keynote Speaker</td>
<td>DoubleTree - R</td>
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<tr>
<td>9:30 - 10:15am</td>
<td>Technical Paper Competition Career Panel</td>
<td>DoubleTree - S</td>
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<td></td>
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<td>DoubleTree - J, L</td>
</tr>
<tr>
<td>10:30am - Noon</td>
<td>Job Fair</td>
<td>DoubleTree - W</td>
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<tr>
<td>Noon - 12:45pm</td>
<td>Lunch</td>
<td>DoubleTree - R</td>
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<tr>
<td>12:45 - 1:15pm</td>
<td>Keynote Speaker</td>
<td>DoubleTree - R</td>
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<tr>
<td>1:30 - 3:15pm</td>
<td>Breakout Sessions</td>
<td>Data Analytics Hotel</td>
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<tr>
<td></td>
<td>1:30 - 2:15pm</td>
<td>Data Analytics - S</td>
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<td></td>
<td>2:30 - 3:15pm</td>
<td>Entrepreneurship - J</td>
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<td>Grad School - C</td>
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<td>Professional Development - L</td>
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<tr>
<td>3:30 - 4:45pm</td>
<td>Campus Tour</td>
<td>NC State Campus</td>
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<td>Break</td>
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<tr>
<td>7 - 8pm</td>
<td>Dinner and Conclusion</td>
<td>Duke Energy Hall - Hunt Library</td>
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<tr>
<td>8 - 8:30pm</td>
<td>Keynote Speaker</td>
<td>Duke Energy Hall - Hunt Library</td>
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**SUNDAY**
February 11th

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<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>8 - 8:30am</td>
<td>President’s Meeting</td>
<td>DoubleTree - S</td>
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<tr>
<td>8:30 - 9:15am</td>
<td>Breakfast</td>
<td>DoubleTree - J, L, W</td>
</tr>
<tr>
<td>9:15 - 9:45am</td>
<td>Keynote Speaker</td>
<td>DoubleTree - J, L, W</td>
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<tr>
<td>9:45 - 10:15am</td>
<td>Closing Remarks</td>
<td>DoubleTree - J, L, W</td>
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<td>10:20 - 10:50am</td>
<td>Town Hall</td>
<td>DoubleTree - J, L, W</td>
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**BREAKOUT SESSIONS**

**DATA ANALYTICS**
Gary Cokins - Founder and CEO of Analytics-Based Performance Management
Rashida Hodge - VP of IBM Watson Embed and Strategic Partnerships
Dr. Natalia Summerville - Principal Operations Research Specialist at SAS Institute

**ENTREPRENEURSHIP**
Damon Butler - President of Triangle Blvd
Scott Moody - Co-founder, CEO and Chief Member Advocate of K4Connect
Tom Snyder - Executive Director of RIoT

**Grad School**
Dr. Maria Mayorga - Professor of Personalized Medicine at NC State
Dr. Younho Seong - Graduate Program Director at NC A&T
Dr. Cole Smith - Professor and Chair of Industrial Engineering at Clemson

**Professional Development**
Tim Berkey - Vice President at Premier
Tracy Doaks - Chief Deputy State CIO and Chief Services Officer of the NC DIT
Sarah Southard - Talent Acquisition Business Partner at Coca-Cola

For more information on our session speakers go to [go.ncsu.edu/iise18speakers](go.ncsu.edu/iise18speakers)
JESSE BOYD

Jesse Boyd is a pharmaceutical manufacturing executive with 17 years of diverse industry experience. Jesse spent 14 years with Eli Lilly and Company in manufacturing and finance including roles as a process engineer and progressive financial leadership roles in research and development, sales and marketing, manufacturing and investment banking. He joined Patheon now a part of Thermo Fisher Scientific in 2014 as the senior director of finance and site controller for its largest, fastest growing site in Greenville NC.

In 2016, Jesse moved into a general management role as the senior director of sterile operations and business unit leader. Jesse holds a bachelor’s degree in Mechanical Engineering from North Carolina State University, MBA in Finance and MS in Accounting from Indiana University and is a licensed CPA.

GARY COKINS

Gary Cokins is an internationally recognized expert, speaker and author in advanced cost management and performance improvement systems. He is the founder of Analytics-Based Performance Management, an advisory firm located in Cary, N.C. Cokins, who is certified in production and inventory management, received a B.S. degree with honors in industrial engineering/operations research from Cornell University and earned his MBA from Northwestern University’s Kellogg School of Management. Cokins began his career with FMC’s Link-Belt Division as a strategic planner, financial controller and operations manager, and then served as a management consultant with Deloitte and KPMG. Later, he was head of the National Cost Management Consulting Services for Electronic Data Systems (now part of HP). From 1997 until recently, Cokins was in business development with SAS.

DR. BRIAN DENTON

Dr. Brian Denton is a Professor in the Department of Industrial and Operations Engineering at University of Michigan, in Ann Arbor, MI. He is also a Professor in the Department of Urology and a member of the Cancer Center at University of Michigan.

He is past president of the INFORMS Health Applications Section and he served as Secretary on the INFORMS Board of Directors from 2012 to 2015. He is also Past President of INFORMS. He has served on several editorial boards including the INFORMS Journal on Optimization, IISE Transactions, M&SOM, Interfaces, Operations Research, and Medical Decision Making.
SPEAKERS

GUL EGE

Gül Ege is the Senior Director in R&D leading the analytical components innovation and development in the Internet of Things (IoT) division.

She has received her Ph.D. in Industrial and Systems Engineering from NC State University. She has been in SAS Research and Development for 29 years. Over the years, she has worked on SAS solutions in financial analysis, forecasting, financial risk, retail price optimization, size optimization, and manufacturing verticals.

She has received the SAS CEO Award of Excellence and the NC State Industrial and System Engineering Distinguished Alumni award in 2011.

TIM McGLOTHLIN

Tim McGlothlin serves as President Elect on the Institute of Industrial & Systems Engineers’ (IISE) Board of Trustees. He also serves as the Executive Director for The Ergonomics Center of North Carolina. Reporting to NC State University, the center provides ergonomics consulting, training and research to clients worldwide.

McGlothlin holds a BS from Virginia Tech, MS from the University of Tennessee and a CPE certification through the Board of Certification in Professional Ergonomics.

DR. EILEEN VAN AKEN

Dr. Eileen Van Aken is a Professor and Interim Department Head of the Grado Department of Industrial and Systems Engineering at Virginia Tech. She earned her BS, MS, and Ph.D. degrees in industrial engineering from Virginia Tech. Dr. Van Aken founded the Enterprise Engineering Research Lab in 1999 and has led research on organizational transformation, team-based work systems, and performance measurement.

Dr. Van Aken currently serves on the Board of Trustees for IISE as Senior Vice President-International and served as co-Editor-in-Chief for the Engineering Management Journal. She is a Fellow of three professional organizations: the Institute of Industrial and Systems Engineers (IISE), the American Society of Engineering Management (ASEM), and the World Academy of Productivity Sciences.
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