Welcome

Welcome to the 21st Annual Colloquium on International Engineering Education: Pathways to Diversified and Sustainable Programs

As its title reflects, this year’s Colloquium aims to reach out to and create synergies between diverse groups in several ways. While it keeps some of its core themes such as the integration of engineering with the languages, creating appropriate research venues, building and sustaining IEPs, and engaging industry, it also aims to bring underrepresented groups to the forefront of engineering contexts. Our three keynote speakers – from Sukup Manufacturing, ZF and ASEE – represent women in engineering corporations and societies. Likewise, we have dedicated a session to including and funding more minority students in engineering and study abroad. Many of our panels feature leaders with demonstrated success in engineering and international education.

The 2018 Colloquium builds pathways and partnerships between groups that usually operate independently, bringing them together to create a powerful win-win for all. This year we are concurrently hosting high schools building pathways to IEPs as well as the Goethe Institute’s Career Booster Day, which will get a boost from our company and alumni networks through the Colloquium, and in turn, will bring to the meeting a young audience eager to find out where language learning can take them in college and beyond. Those youngest participants joining us for selected activities on Friday will continue on Saturday to get involved in hands-on learning during the German STEM Immersion Day organized by Niko Tracksdorf on the URI campus.

Friday will also see the DAAD sponsored Professional Development Workshop for German teachers from US universities who can explore the Colloquium on Thursday while focusing on developing STEM curricula for their classrooms on Friday. The DAAD/Goethe Institute/AATG collaboration is meant to provide a model for groups from other countries and languages to explore similar interactions at future meetings.

I wish to thank our government, corporate, and academic sponsors. Thank you to the IEP and CSPD teams for your dedication and for bringing the collaboration of various networks to fruition. As always, our Colloquium Steering Committee members have provided valuable support:

Melissa Armstrong, Northern Arizona University
George Chiu, Purdue University
Chris Cooper, University of Cincinnati
Gayle Elliott, University of Cincinnati
Camille George, University of St. Thomas
Amy Henry, Georgia Institute of Technology
Eric Johnson, Valparaiso University
Mark Rectanus, Iowa State University
Gregg Warnick, Brigham Young University

I hope you all will get inspired by, contribute to and take away much from this year’s annual meeting! ~ Cordially, Sigrid Berka

Presented By

THE UNIVERSITY OF RHODE ISLAND
INTERNATIONAL ENGINEERING PROGRAM

Since 1987, the International Engineering Program has provided an unmatched global engineering experience for students looking to leave their mark on society. Jointly administered by the College of Engineering and the College of Arts & Sciences, the program marries engineering and foreign language during a seamless five-year experience that includes a study and internship year abroad and ends with students earning degrees in both a foreign language and an engineering discipline. The Colloquium has been a staple of the program since its inception in 1998.

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Sponsors
1:30 p.m. International Cafés (Atlantic Pavilion)
1. Getting started with program building: IEPs, co-ops, dual degrees, internships, company involvement
2. Sustaining a program after you have started
3. Engaging industry – What’s in it for them, what can we learn for academia?
4. Innovative approaches to assessing international programs

11:45 a.m. Lunch & Keynote by Connie Rightmer, ZF North America (Easton Pavilion)
Introduction by William Murray, Teknor Apex

3:30 p.m. Concurrent Sessions
I. Maximizing Time Abroad (Sunset Room)
Lars Erickson, Zoila Castro, Yu Wu, Sigrid Berka, Univ. of Rhode Island
Clifford Griffin, NC State University
Patrick Tunno, Pennsylvania State University
Moderator: Mark Recktanis, Iowa State University

II. Thinking Outside the Box: Unconventional Ideas to Enhance Programs (John Clarke Room)
Andrew Wingfield, University of Colorado Boulder
Heidi Parker (also presenting for Jill Churchill), Purdue Univ.
Thomas Huston, University of Cincinnati
Moderator: Kelly Watts, University of Rhode Island

III. Sourcing Internships and International Research Collaborations in Diverse Areas and Communities (Mariner Room)
Amy Henry, Georgia Institute of Technology
Michelangelo La Luna, Michael Videtta, University of Rhode Island
Joshua Grosdorzi, TU Dortmund University
Thomas Bovik, University of Rhode Island
Moderator: George Chiu, Purdue University

6:00 p.m. Dinner & Keynote by Dr. Rocío Chavela Guerra, ASEE (Easton Pavilion)
Introduction by Jeannette Riley, University of Rhode Island

Friday, November 2

8:15 a.m. Overview of Synergistic Activities by Niko Tracksdorf, URI (Easton Pavilion)

3:45 p.m. Plenary B: German Alumni Panel (Atlantic Pavilion)
Erin Papa, University of Rhode Island / Rhode Island College
Sydney Smith-Romanski, University of Connecticut / Defibtech LLC
Kristen Riley, University of Rhode Island / The BioProcess Institute
Michael Palmer, University of Rhode Island / MTU
Kelly Engels, URI / TU Braunschweig Dual Master / Sensata
Moderator: Maria Reger, University of Connecticut

12:00 p.m. Lunch & Keynote by Emily Schmitt, Sukup Manufacturing (Easton Pavilion)