18TH ANNUAL COLLOQUIUM ON INTERNATIONAL ENGINEERING EDUCATION

Wednesday, November 4th

7:00 pm **PRE-CONFERENCE DINNER**

Peking Duck House, 236 E 53rd St, NYC

Thursday, November 5th

IIE (12th fl auditorium and 1st and 9th fl boardrooms). 809 UN Plaza (on 1st Ave, between 45–46 St.)

8:00-8:40 am	BREAKFAST	12th floor
8:50-9:00 am	WELCOME by Peter Thompson, Executive Vice President, Institute of International Education (IIE) Nina Lemmens, Director, DAAD North America	12th floor
9:00-9:30 am	KEYNOTE by Dra. Martha Navarro Albo, Director General of Technical and Scientific Cooperation, Ministry of Foreign Affairs, Mexico	12th floor
	INTRODUCTION by Peggy Blumenthal, Senior Counselor to the President, IIE	
9:30-10:45 am	PLENARY SESSION: MODELS OF INTERNATIONAL 12th floor ENGINEERING PROGRAMS: GLOBAL PERSPECTIVES 12th floor Chair: Alexander Au, Director, DAAD Mexico 12th floor • UNESCO's International Projects in Engineering Education 12th floor • Rovani Sigamoney, United Nations Educational, Scientific and Cultural Organization (UNESCO) 12th floor • Role of Global Engineering Education Societies in Building Partnership Programs 12th floor • Hans J. Hoyer, IFEES, GEDC, Marquette University 12th floor • German Transnational Education Projects in Asia Klaus Birk, DAAD Bonn Head Office	
10:45-11:15 am	COFFEE BREAK	12th floor
11:15-12:15 pm	CONCURRENT SESSION: PROVIDING AN INTERNATIONAL 1st fl boardroom ENGINEERING WORK EXPERIENCE THROUGH VIRTUAL INTERNSHIPS Chair: Gregg Warnick, Director, Weidman Center for Global Leadership, Brigham Young University - Zachari Swiecki, University of Wisconsin-Madison - Ulrich Wagner, Munich University of Applied Sciences (MUAS)	
11:15-12:15 pm	CONCURRENT SESSION: A TRANSFORMATIVE CURRICULUM FOR 12th floor NON-TRADITIONAL AND FIRST-GENERATION ENGINEERING STUDENTS 12th floor Chair: Melissa Armstrong, Director, Interdisciplinary Global Programs, Northern Arizona University - Ann Le Bar, Eastern Washington University - Ann Le Bar, Eastern Washington University - Esteban Rodriguez-Marek, Eastern Washington University - Jody Stewart-Strobelt, Eastern Washington University	
11:15-12:15 pm	CONCURRENT SESSION: INTERNATIONAL ENGINEERING EDUCATION AND AFRICA: CURRENT AND FUTURE COLLABORATIONS Chair: Randy Collins, Exec. Director of Academic Initiatives, Prof. of Electrical & Computer Engineering, Clemson University - Tom Boving, University of Rhode Island - David Perry, Hautes Études d'Ingénieur (HEI) - Wole Soboyejo, Princeton University	9th fl boardroom
12:30-2:00 pm	LUNCH	(outside to various

nearby restaurants)

Thursday, November 5th (cont.)

2:30-4:00 pm	CONCURRENT SESSION: PARTNERING WITH INDUSTRY Co-Chair: Joann Halpern, Director, German Center for Research and Innovation (GCRI) New York	12th floor
	 Co-Chair: Patrick Bressler, Executive Vice President, Fraunhofer USA Industry-Academic Collaborations in Germany and in the U.S.: Challenges and Opportunities for Strategic International Partnerships Bernd Reissert, German Universities of Applied Sciences (UAS7)/ Berlin School of Economics and Law Karl-Heinz Siebold, UAS7/MUAS 	
	 Kristine Lalley, University of Pittsburgh Industry Partnerships to Meet Global Needs C. Kelly Lawrence Ottman, Milwaukee School of Engineering Ross Buckley, Miller Electric Manufacturing Co. 	
2:30-4:00 pm	CONCURRENT SESSION: Case Studies of Transformative International Partnerships	1st fl boardroom
	 Chair: Ilka M. Balk, Director of Engineering Career Services and International Programs, University of Kentucky Adding Value through Transformative Initiatives with the International Engineering Program's Academic Partnerships Sigrid Berka, University of Rhode Island Silke Scholz, University of Rhode Island Texas A&M Engineering Yucatan Initiative: Transformational Partnership for Student Engagement Maria Alves, Texas A&M University A Case Study of Virginia Tech and the University of Nottingham Nicole Sanderlin, Virginia Tech 	
2:30-4:00 pm	CONCURRENT SESSION: INTERNATIONAL ENGINEERING EDUCATION AND INDIA: CURRENT AND FUTURE COLLABORATIONS Chair: Rajika Bhandari, Deputy Vice President, Research and Evaluation, IIE - Duleep Deosthale, Admission Table - Melanie Mala Ghosh, Massachusetts Institute of Technology - Devdas Shetty, University of the District of Columbia	9th fl boardroom
4:15-4:30pm	PROMOTING THE TRAINING OF GLOBALLY COMPETENT ENGINEERS: REMARKS BY SPONSORS	12th floor
4:30-5:00pm	COFFEE BREAK	12th floor
5:00-6:30pm	 POSTER SESSION Biotechnology Engineering, An Answer to International Commitments and Requirem Claudia Lorena Fernandez Lopez, Universidad Politecnica de Huatusco Introduction to German Engineering: An International, Interdisciplinary Experience Rebecca Pinkelman and Manfred Hampe, Technische Universität Darmstadt The Multitude of Challenges of a Successful Bi-Directional Exchange Program Joerg Mossbrucker, Milwaukee School of Engineering Global Assessment Platform (GAP): Measuring Global Engineering Competency Brent Jesiek, School of Engineering Education, Purdue University IAESTE: Story for a Better Future Mitchel Pardes, Cultural Vistas Get Your Language and Culture To Work Kirsten Baker, Global Professional Search 	12th floor nents
7:00-9:00 pm	DINNER	Paulaner Brauhaus

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Friday, November 6th 8:00-8:50 am BREAKFAST 12th floor (IIE) 9:00-9:10am **INTRODUCTORY REMARKS** 12th floor Betsy Glans, Vice President, Student Exchanges, IIE 9:10 - 10:30 am **PLENARY SESSION:** FUNDING OPPORTUNITIES FOR US AND 12th floor INTERNATIONAL STUDENTS AND FACULTY – A SESSION SHOWCASING THE FELLOWSHIPS FOR STUDY AND RESEARCH ABROAD Chair: Tony Claudino, Director, Fulbright Student Program Outreach, IIE • Fulbright Scholar Program - Tony Claudino, IIE • Fulbright Student and Whitaker International Program - Kara Spiller, Drexel University/University of Minho in Guimaraes, Portugal - Chris Grigsby, Columbia University/National University of Singapore/Karolinska Institute, Sweden Brazil Scientific Mobility Program - Collette Agnese, IIE DAAD Programs - Peter Kerrigan, DAAD · Japanese Funding for International Students - Koichi Ai, Consulate General of Japan in NYC 10:30-11:00 am **COFFEE BREAK** 12th floor 11:00-12:15 pm **CONCURRENT SESSION:** INNOVATIVE MECHATRONICS CURRICULUM: 1st fl boardroom ADAPTING THE GERMAN DUAL SKILLS MODEL IN NEW JERSEY Chair: Nakisha Evans, Director of the Office of Workforce Partnerships at the City University of New York (CUNY) - Gale Tenen Spak, New Jersey Institute of Technology/MechaForce - Ian Trammell, New Jersey Innovation Institute/MechaForce - Samuel Lieber, New Jersey Institute of Technology/MechaForce 11:00-12:15 pm **CONCURRENT SESSION:** DEBUNKING THE MYTHS 9th fl boardroom **BEHIND ACCREDITATION** Chair: Michael Milligan, Executive Director and CEO, ABET · Comparison of ABET Outcome Requirements and Washington Accord Attributes - Muhammad Rashid, University of West Florida Learn How to Become a Certified Engineering Educator - Michael Auer, International Society for Engineering Pedagogy 11:00-12:15 pm **CONCURRENT SESSION: NSF FUNDED INTERNATIONAL** 12th floor **ENGINEERING OPPORTUNITIES** Chair: Sue Kemnitzer, Deputy Division Director, National Science Foundation (NSF) • A Decade of NanoJapan: The Impact of a U.S.-Japan International Research and Education Partnership - Cheryl Matherly, University of Tulsa - Sarah Phillips, Rice University/University of Hawaii, Manoa Assessing the Spectrum of International Undergraduate Engineering Educational Experiences - Mary Besterfield-Sacre, University of Pittsburgh - Larry Shuman, University of Pittsburgh 12:30-2:00 pm LUNCH

(outside to various nearby restaurants)

Friday, November 6th (cont.)

Afternoon at DAAD (22nd fl and 2nd fl auditorium). German House, 871 UN Plaza (on 1st Ave, btwn 48-49 St.) *NB: Bring all conference materials from IIE to lunch, and then to DAAD, where photo ID is needed to enter.

2:30-4:00 pm	 CONCURRENT SESSION: FOREIGN LANGUAGE PROFICIENCY Chair: Volker Langbehn, Professor of German, San Francisco State University Are Equivalency Tables Reliable? European and U.S. Perspectives Philippe Marc, ENSEA, France Vanita Misquita, Illinois Institute of Technology The Linguistic and Cultural Preparation Globally-Competent Engineers Really Need Bettina Cothran, Georgia Institute of Technology Incorporating L2 Instruction in Short-Term Engineering Program Abroad Lisa Perrone, Bucknell University 	22nd floor
2:30-4:00 pm	CONCURRENT SESSION: STANDARDS AND METRICS FOR INTERNATIONAL ENGINEERING PROGRAMS AND "GLOBALLY COMPETENT" ENGINEERS Chair: John Tsapogas, Director of Global Initiatives, NSF, Office of International Science and Engineering • The Standards of Good Practice for Education Abroad: Implications for Engineering Education • Natalie A. Mello, The Forum on Education Abroad • Toward 100% Global Competency: Challenges and Opportunities • Brent Jesiek, Purdue University • Experience with Developing an Engineering-Based Entrepreneurship Sequence • Eric Suuberg, Brown University	2nd floor
4:00-4:30 pm	COFFEE BREAK	2nd floor
4:30-6:00 pm	REMARKS by Brita Wagener , Consul General of the Federal Republic of Germany in New York	2nd floor
	WRAP-UP SESSION: ROUNDTABLE DISCUSSION ON TAKEAWAYS FROM THE COLLOQUIUM AND SUGGESTIONS FOR THE 2016 COLLOQUIUM Chairs: Daniel Kramer, Director of U.S. Student Programs, IIE Nina Lemmens, Director, DAAD North America Sigrid Berka, Executive Director, International Engineering Program University of Rhode Island	
6:00-8:00 pm	RECEPTION at DAAD	23rd Floor (German House)