

Dear Colloquium Attendees:

Can it be possible that this is the eleventh consecutive year for the Annual Colloquium on International Engineering Education?! It seems like just a few short years ago when about 30 people gathered in Kingston, Rhode Island, with the help of a FIPSE grant, to exchange experiences, ideas, and hopes about international programs for engineering students. We did not know then that the meeting would become an annual event and the only national meeting to bring together so many different constituencies for a truly cross-disciplinary approach to the issues. At what other conference can one find engineers together with language educators, anthropologists, international program coordinators, as well as leaders from the public and private sectors, all devoted to the same cause, namely the global education of engineering students. We hope you will enjoy the meeting, take valuable ideas back home, and then prepare yourselves for the Twelfth Annual Colloquium, which will take place October 22-25, 2009 at Iowa State University.

This year the Colloquium has a new dimension which you will hear about in the next two days. The Colloquium was actually preceded by an invitation-only, NSF-sponsored Summit Meeting on the Globalization of Engineering Education. With approximately 20 persons, the Summit spent November 5-6 in working sessions to explore the status of global engineering education, including its rationale, its urgency, the hurdles in its path, a review of progress to date, and recommendations for the future. The results of the Summit Meeting will be partially reported and discussed during the Colloquium, and will ultimately yield a report, which we hope will become a working document and road map for engineering educators over the coming years.

Enjoy your time in Newport!

John Grandin, for the Steering Committee and the URI IEP team

URI Organizers

John Grandin, IEP Executive Director
Kathleen Maher, IEP Assistant Director
Angela Graney, IEP Living/Learning Communities Coordinator
Erin Papa, Chinese Language Flagship Partner Program Coordinator

Steering Committee Members

Sigrid Berka, Massachusetts Institute of Technology
Gayle Elliott, University of Cincinnati
John Grandin, University of Rhode Island
Eckhard Groll, Purdue University
E. Daniel Hirleman, Purdue University
Jack Lohmann, Georgia Institute of Technology
Kathleen Maher, University of Rhode Island
Phillip McKnight, Georgia Institute of Technology
Diane Rover, Iowa State University



Building Strategic Partnerships for Global Engineering Education

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11th Annual Colloquium on
International Engineering Education

Building Strategic Partnerships for Global Engineering Education

November 6-9, 2008
The Hotel Viking
Newport, RI



Thursday, November 6

1:00 - 5:00 PM **Pre-Conference Workshop** Salon AB

Getting Started Workshop

Presenters : Kathleen Maher (Chair) and Lars Erickson, University of Rhode Island; Eckhard Groll, Purdue University; April Julich Perez, Massachusetts Institute of Technology; Kent J. Rissmiller, Worcester Polytechnic Institute.

5:00 - 7:00 PM **Registration**

6:00 - 7:00 PM **Reception and Conference Opening** Bellevue Room

Sponsored by the URI College of Engineering
Welcome by John M. Grandin, University of Rhode Island

Greetings: Winifred Brownell & Raymond Wright, Deans of the College of Arts and Sciences and the College of Engineering, University of Rhode Island; Friedrich Löhner, General Consul of Germany

7:00 - 9:30 PM **Dinner and Keynote Address** Bellevue Room

Introduction: Sigrid Berka, Massachusetts Institute of Technology

Subra Suresh

Dean, School of Engineering, and Ford Professor of Engineering, MIT

Friday, November 7

7:30 - 8:30 AM **Breakfast** Viking Foyer

8:30 - 10:00 AM **Plenary I: Partnerships with Industry** Salon ABC

Chair: Laurie Burger, Pentair, Inc.

Mark Lamps, General Manager, McLean Cooling Technologies at Pentair, Inc.

Graeme O'Connell, URI Student, Electrical Engineering & Chinese

Stefan Kraft, Vice President, Corporate Human Resources Development, Continental AG

Marcio Lobo Netto, Professor, Escola Politécnica da Universidade de São Paulo (Brazil)

10:30 AM - Noon **Plenary II - Partnerships with the Public Sector** Salon ABC

Chair: Eckhard Groll, Purdue University

Myoung-Shin Kim, DAAD: New York

Marion Mueller, Director, The German Research Foundation (DFG), Washington & NY

Jennifer Pearl, Office of International Science and Engineering, NSF

Michael Nugent, Director, The Language Flagship

Vijay Renganathan, Institute for International Education

12:15 - 1:30 PM **Luncheon and Keynote Address** Bellevue Room

What is Global Education For?

Gary Downey, Professor of Science & Technology Studies, Affiliated Faculty Member, Department of Engineering Education, Virginia Tech

2:00 - 3:30 PM **Plenary III - Partnerships with Universities Abroad** Salon ABC

Chair: Raymond Wright, Dean, College of Engineering University of Rhode Island

Müffitt Bahadir, Vice President, Technische Universität Braunschweig

Robert L. Carothers, President, University of Rhode Island

Shenda Baker, Harvey Mudd College

Lester Gerhardt, Rensselaer Polytechnic Institute

Jan-Helge Böhn, Virginia Tech

3:45 - 5:00 PM **Grand Information Fair & Poster Sessions** Salon DE

Saturday, November 8

7:30 - 8:30 AM **Breakfast** Viking Foyer

Concurrent Working Sessions: Each session will run twice, enabling participants to attend two Working Sessions.

Sign-up for topics at the registration table in advance.

8:30 - 10:00 AM **Concurrent Working Sessions I**

10:30 AM - Noon **Concurrent Working Sessions II**

Building Partnerships in/with:

A. The European Union

Facilitator: Matthias Afting, Deutsche Bahn AG

B. China

Facilitator: Sean Gilbert, MIT

C. India

Facilitator: Deepti Nijhawan, MIT

D. Latin America

Facilitators: Kevin Huggins, West Point and María-Fernanda González Rojas, ITESM

E. The Middle East

Facilitators: Lee Blank, Texas A & M and Patti Urbina, Texas A & M

12:15 - 1:30 PM **Lunch & Student Presentations** Bellevue Room

Scot Frank, Massachusetts Institute of Technology

Rebekah Wigton, University of Rhode Island

Jeffrey Borden, University of Rhode Island

Adam Luchies, John Brown University

1:30 - 3:00 PM **Plenary IV - Service Learning Partnerships** Salon ABC

Chair: Vinka Craver, Assistant Professor of Civil Engineering, URI

James R. Mihelcic, Director, Master's International Peace Corps Program Civil & Environmental Engineering, University of South Florida

Rob Krueger, Assistant Professor of Geography, WPI

Malcolm Daniels, Interim Dean, School of Engineering, The University of Dayton

Chelita Pate, Brigham Young University

3:30 - 4:45 PM **Plenary V - Summary and Discussion of NSF Summit Meeting** Salon ABC

Report on the NSF Summit which took place before the Colloquium. Critique by Colloquium participants of the Summit and associated Declaration.

E. Dan Hirleman, Head - School of Mechanical Engineering, Purdue University

John M. Grandin, Director, International Engineering Program, URI

Sunday, November 9

8:30 AM - Noon **Post-Conference Workshop**

Transitioning into the Global Workplace Colonnade Room

Chair: Sigrid Berka, Massachusetts Institute of Technology

Presenters: Amy Henry, Georgia Institute of Technology and Matthias Afting, Deutsche Bahn