

## Sunday, October 3

8:00AM—8:30AM BREAKFAST FOR WORKSHOP PARTICIPANTS  
CITYVIEW

8:30AM—NOON POST-CONFERENCE WORKSHOPS  
CITYVIEW  
& EXECUTIVE BOARDROOM

### Grand Information Fair

The following institutions and companies will have displays set up in Narragansett A on Friday afternoon from 3:00 to 5:00pm:

- Butler University
- University of Cincinnati
- University of Connecticut
- University of Colorado at Boulder
- FH Regensburg
- German American Chamber of Commerce
- German Academic Exchange Service (DAAD)
- Global Engineering Education Exchange / IIE
- IAESTE/AIPT
- Iowa State University
- Massachusetts Institute of Technology
- Montana State University
- National Science Foundation
- University of Rhode Island
- Rhode Island Economic Development Corporation
- School for International Training
- Siemens
- Smith College
- Swiss House for Advanced Research and Education (SHARE)
- Texas A & M University
- Wabash College
- WPI

### Workshops

The faculty of the URI International Engineering Program, along with several colleagues from other institutions, will sponsor four half-day workshops in conjunction with the colloquium.

#### PRE-CONFERENCE WORKSHOPS

September 30  
1:00PM - 5:00PM

##### Workshop 01: Teaching Cross-Cultural Communication

Bernd Widdig of the Massachusetts Institute of Technology

##### Workshop 02: Preparing Engineers to Work in the Developing World

Rebecca Hovey, Bea Fantini and Christian Sinclair of the School for International Training

#### POST-CONFERENCE WORKSHOPS

October 3  
8:00AM - 12:00PM

##### Workshop 03: International Engineering Programs-Getting Started

John Grandin (URI), Gayle Elliott (U. of Cincinnati), Sigrid Berka (MIT), and Guenter Mueller-Graetschel (DAAD)

##### Workshop 04: Teaching Languages to Engineers

Damon Rarick and Walter von Reinhart of the University of Rhode Island

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UNIVERSITY OF Rhode Island



The International Engineering Program at the University of Rhode Island

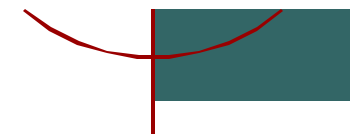
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THE INTERNATIONAL ENGINEERING PROGRAM  
AT THE UNIVERSITY OF RHODE ISLAND  
PRESENTS



### The Seventh Annual COLLOQUIUM ON INTERNATIONAL ENGINEERING EDUCATION



## Engineering Education in the Age of Globalization

September 30—October 3  
2004

The Westin Hotel  
Providence, Rhode Island

Endorsed by



#### Organizing Committee

John Grandin, URI, Chair; Gayle Elliott, University of Cincinnati; E. Daniel Hirtleman, Purdue; Rebecca Hovey, School for International Training; Phillip McKnight, Georgia Institute of Technology; Heide Naderer, German Academic Exchange Service; Owe Petersen, Milwaukee School of Engineering; Bernd Widdig, Massachusetts Institute of Technology

## Thursday, September 30

Noon—5:00PM PRE-CONFERENCE WORKSHOPS

4:00PM REGISTRATION PROVIDENCE GALLERY

6:00PM—7:00PM RECEPTION & CONFERENCE  
OPENING PROVIDENCE BALLROOM

### WELCOME

**John Grandin**—Director, International Engineering Program & Professor of German, URI

**Winifred Brownell**—Dean, College of Arts & Sciences, URI

**Bahram Nassersharif**—Dean, College of Engineering, URI

**Phillip McKnight**—Professor/Chair, School of Modern Languages, Georgia Institute of Technology

7:00PM—8:00PM BANQUET DINNER PROVIDENCE BALLROOM

8:00PM OPENING KEYNOTE

*Innovation: The Critical Dimension in the Global Economy*

**Richard K. Lester**—Professor & Director, MIT Industrial Performance Center

*Introduction by Bernd Widdig, Director, MIT in Germany*

## Friday, October 1

7:45AM—8:30AM CONTINENTAL BREAKFAST  
PROVIDENCE GALLERY

8:30AM—10:00AM PLENARY SESSION I PROVIDENCE II-III  
ENGINEERING EDUCATION IN THE AGE OF GLOBALIZATION:  
*THE CORPORATE PERSPECTIVE*

Moderator: **John Grandin**, Director, International Engineering Program and Professor of German, University of Rhode Island

**Laurie Burger**, Director of Business Development  
**Pentair Electronic Packaging**, Warwick, RI

**Gloria Olson**, Vice President, Sensors & Controls Division  
**Texas Instruments, Inc.**, Attleboro, Massachusetts

**Ken Rose**, Corporate Director, Human Resources  
**ZF Group North American Operations**, Northville, Michigan

10:00AM—10:30AM COFFEE BREAK

10:30AM—12:00PM PLENARY SESSION II PROVIDENCE II-III

ENGINEERING EDUCATION IN THE AGE OF GLOBALIZATION:  
*THE HIGHER EDUCATION PERSPECTIVE*

Moderator: **Bahram Nassersharif**, Dean of Engineering, University of Rhode Island

**Duane Abata**, Dean of Engineering & Outgoing ASEE President, Northern Arizona University

**Jack Lohmann**, Associate Provost, Georgia Institute of Technology & Editor, *Journal of Engineering Education*

**César Malavé**, Professor and Assistant Dean for International Programs, Texas A & M University

**Hermann Viets**, President, Milwaukee School of Engineering

12:15PM—1:30PM KEYNOTE LUNCHEON NARRAGANSETT B

### KEYNOTE ADDRESS

*The National Association of State Universities and Land Grant Colleges: A New Initiative in International Education*

**William B. DeLauder**— President Emeritus, Delaware State University

*Introduction by Robert A. Weygand, Vice President for Administration, URI*

2:00PM—2:45PM PLENARY SESSION III PROVIDENCE II-III

ENGINEERING EDUCATION IN THE AGE OF GLOBALIZATION:  
*STUDENT PERSPECTIVES AND NEW OPPORTUNITIES*

Moderator: **Mercedes Rivero**, Associate Dean & Associate Professor, College of Engineering, URI

**Nicole Baugh**, University of Rhode Island '05

**Thomas Bruton**, Iowa State University '05

**Monica Marinescu**, Smith College '05

*THE ONLINE JOURNAL FOR GLOBAL ENGINEERING EDUCATION*

**Damon Rarick**, Assistant Professor of German, University of Rhode Island

*DEVELOPING GLOBAL SCIENTISTS AND ENGINEERS*

**Bonnie H. Thompson**, Program Manager, Office of International Science and Engineering, National Science Foundation

3:00PM—5:00PM GRAND INFORMATION FAIR NARRAGANSETT A

6:00PM—7:30PM GALA RECEPTION CITYVIEW

*HOSTED BY THE RHODE ISLAND ECONOMIC DEVELOPMENT CORPORATION  
AND THE RI COMMODORES*

### WELCOME

Michael McMahon, Director, RI Economic Development Corporation

## Saturday, October 2

7:45AM—8:30AM CONTINENTAL BREAKFAST  
PROVIDENCE GALLERY

8:30AM—10:00AM CONCURRENT SESSIONS

a) **LANGUAGE TEACHING AND LANGUAGE ISSUES** BRISTOL  
Chair: **Norbert Hedderich**, University of Rhode Island

**Franz Futterknecht**, University of Florida  
**Peter Nübold**, TU Braunschweig  
**Yvonne Rudman**, Montana State University

b) **GLOBAL TEAM STUDENT PROJECTS** KENT  
Chair: **E. Dan Hirleman**, Purdue University

**Sven Bilén**, Pennsylvania State University  
**David Cannon**, Stanford University  
**Eckhard Groll and Dan Hirleman**, Purdue University  
**Mark Henderson**, Arizona State University  
**Alison McKay**, Leeds University

10:00AM—10:30AM COFFEE BREAK

10:30AM—12:00PM CONCURRENT SESSIONS

a) **INTERNATIONALIZING THE ENGINEERING CURRICULUM:  
A REVIEW OF EXISTING MODELS AND NEW INITIATIVES** BRISTOL  
Chair: **Joseph Mook**, University at Buffalo, State University of New York

**Sean Gilbert**, MIT in China  
**Otto Gregory and Christopher Cumiskey**, URI/TUBS Dual Degree Graduate Program  
**Joseph Mook**, University at Buffalo, SUNY  
**Remo Steinmetz**, SHARE, Consulate of Switzerland

b) **PROGRAMS ADDRESSING THE THIRD WORLD** KENT  
Chair: **Robert Malkin**, Engineering World Health

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**David Muñoz**, Colorado School of Mines  
**Allison Silverman**, Brown University  
**Steven Weininger**, WPI

12:15PM—1:30PM LUNCH CITYVIEW  
**PERSPECTIVES FROM OUR ALUMS**

Moderator: **Gayle Elliott**, University of Cincinnati

**Matthew Arner**, Heliotronics, Inc. (WPI grad)  
**Lisa Dietrich**, Agilent Technologies GmbH (URI grad)  
**Jesse Schneider**, DaimlerChrysler, California Fuel Cell Partnership (URI grad)  
**Isaac Trefz**, BMW (MIT grad)  
**Karl Zimmer**, General Cable (U. of Cincinnati grad)

2:00PM—3:30PM GENERAL SESSION BRISTOL-KENT

**ENGINEERS FOR THE GLOBAL WORKPLACE: WHY & HOW?**

Chair: **Robert Manteiga**, University of Rhode Island

**Thomas Jewell**, Union College  
**James E. McGwin**, Global Value-Chain Research Collaboration  
**Christian Schaefer**, DAAD  
**Larry Shuman**, University of Pittsburgh