



**IFEES**

INTERNATIONAL FEDERATION OF ENGINEERING EDUCATION SOCIETIES

**2008**

*Aligning Engineering Education Initiatives  
for a Knowledge Economy*



*Program of the*

**Second IFEES**

**Global Engineering Education  
Summit**

19-20 October 2008

Cape Town, South Africa



**IFEES**

**INTERNATIONAL FEDERATION OF ENGINEERING EDUCATION SOCIETIES**

**Program of the**

**2<sup>nd</sup> IFEES Global Engineering Education Summit**

*Aligning Engineering Education Initiatives for a Knowledge Economy*

**Sponsored and supporter by:**

University of Cape Town

AEEA

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## 2<sup>nd</sup> IFEES Global Engineering Education Summit Program Committee

### **Co-Chairs:**

**María M. Larrondo Petrie**  
Vice President and Executive Committee Member, IFEES  
Executive Director, Latin American and Caribbean Consortium of Engineering Institutions (LACCEI)  
Associate Dean and Professor, Florida Atlantic University, USA

**José Carlos Quadrado**  
Vice President ASIBEI  
Administrative Council European Society for Engineering Education (SEFI)  
President Lisbon Superior Engineering Institute ISEL, Portugal

### **Committee:**

**Claudio Borri**  
President, IFEES  
European Society for Engineering Education (SEFI)  
Professor, University of Florence, Italy

**Funso Falade**  
Vice President and Executive Committee Member, IFEES  
President, African Engineering Education Association (AEEA)  
Professor, University of Lagos, Nigeria

**Duncan Fraser**  
Secretary-General, African Engineering Education Association  
Assistant Dean, University of Cape Town, South Africa

**Patricia M. Greenawalt**  
Director of Conferences, ASEE

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Executive Committee Member, IFEES  
Past President, Board of European Students of Technology (BEST)

**Hans Jürgen Hoyer**  
Deputy Secretary General, IFEES  
Director of International Programs and Strategy, ASEE

**Julia Ivanova**  
Co-founder of Student Platform for Engineering Education Development (SPEED)

**Lueny Morell**  
President Elect, IFEES  
Director, University Relations HP Labs, Hewlett Packard Company

**Spencer Potter**  
International Programs Associate, ASEE

**Nicolò Wojewoda**  
Co-founder and coordinator of Student Platform for Engineering Education Development (SPEED)

## Sunday - October 19, 2008 - University of Cape Town

Session/Topic	Speaker	Time
Summit Registration - (Cape Town International Convention Center)		7:00
Buses depart from Westin Grand Cape Town Arabella Quays to University of Cape Town		8:00
<b>Welcome (Menzies 9)</b>		8:15 - 8:30
<p><i>Moderators:</i> <b>María M. Larrondo Petrie</b>, IFEEES Vice President and Summit Co-Chair, Executive Director of the Latin American and Caribbean Consortium of Engineering Institutions (LACCEI), Associate Dean and Professor at Florida Atlantic University, USA; and <b>Duncan Fraser</b>, Secretary General of the African Engineering Education Association (AEEA), and Professor at the University of Cape Town, South Africa</p>		
Welcome	<p><b>Francis Petersen</b> Dean of Engineering &amp; the Built Environment at University of Cape Town, and South African Deans Council</p>	
African Vision for the Summit	<p><b>Funso Falade</b> President of African Engineering Education Association (AEEA), IFEEES Vice President and Professor at University of Lagos, Nigeria</p>	
IFEEES Summit Vision	<p><b>Claudio Borri</b> President of IFEEES, Past President of European Society for Engineering Education (SEFI), and Professor at University of Florence, Italy</p>	
<b>Session 1 (Menzies 9)</b>		8:30 - 10:15
<p><b>Plenary Panel:</b> <i><b>The Role of Engineering Education and Innovation in Knowledge Economies: Perspectives of Policy Makers and Government Agencies</b></i></p> <p><i>Reaching out</i> with the goal of aligning current and future engineering education initiatives to maximize their impact in creating and sustaining knowledge economies, the Summit begins with policy makers and government agencies discussing their challenges, needs and perspectives.</p> <p><i>Moderators:</i> <b>María M. Larrondo-Petrie</b>, IFEEES Vice President and Summit Co-Chair, Executive Director of the Latin American and Caribbean Consortium of Engineering Institutions (LACCEI), Associate Dean and Professor at Florida Atlantic University, USA; and <b>Duncan Fraser</b>, Secretary General of the African Engineering Education Association (AEEA), and Professor at the University of Cape Town, South Africa</p>		
Engineering Education in China	<p><b>Wu Qidi</b> Vice Minister of Education of the People's Republic of China</p>	
Engineering Education in Russia	<p><b>Nikolay Ivanovich Bulaev</b> Head of Federal Agency for Education in the Ministry of Education &amp; Science, Russian Federation</p>	
Ethiopian Perspective	<p><b>Tenagne Bayeh</b> University Reform Coordinator, Ethiopian Ministry on Capacity Building</p>	
OAS Engineering Strategy	<p><b>Clovis J. Baptista Neto</b> Director of the Division of Science and Technology in the Organization of American States (OAS)</p>	
U.S. Perspective	<p><b>Allen L. Soyster</b> Director of the Division of Engineering Education and Centers at the National Science Foundation, USA</p>	
African Response	<p><b>Bernard Nthambeleni</b> Director of International Research Grants at National Research Foundation, South Africa</p>	
	<b>Discussion and Interaction</b>	
Coffee Break		10:15

<b>Session 2 (Menzies 9)</b>		10:45 -
<b>Interactive Panel:</b>		12:15
<b><i>Developing Engineering Education Infrastructure in Support of Knowledge Economies: Initiatives, Best Practices and their Application to the Developing World</i></b>		
<i>Reaching in</i> to its member societies, IFEES spotlights initiatives and best practices, grouping them into 3 interactive panels organized according to IFEES strategic action areas and discusses how they can be applied to the developing world. This first panel focuses on initiatives aimed at improving <i>engineering education infrastructure</i> . The format of the panel allows for brief 5-8 minute presentations by each panelists, and schedules time for interaction with the audience.		
<i>Moderator: <b>Funso Falade</b>, President of African Engineering Education Association (AEEA), IFEES Vice President, and Professor at University of Lagos, Nigeria</i>		
IFEES Global Engineering Deans Council Initiative	<p><b>Hasan Mandal</b> Vice Chair of Global Engineering Deans Council (GEDC) and Dean at Anadolu University, Turkey</p> <p><b>Satish S. Udpa</b> Founding Member of Global Engineering Deans Council (GEDC), and Dean at Michigan State University, USA</p>	
Chinese Initiatives	<p><b>Yu Shouwen</b> Deputy Director of Chinese Society for Engineering Education, Member of the Education Commission of the Chinese Academy of Engineering, and Former President of Tsinghua University, China</p>	
Iberoamerican Initiatives to Develop the Professoriate	<p><b>Jaime Salazar Contreras</b> Executive Director, IberoAmerican Engineering Education Association (ASIBEI), and Professor at Universidad Nacional, Colombia</p>	
European and Bologna Initiatives	<p><b>Guy Haug</b> European Engineering Education Expert</p>	
Francophone Africa Initiatives: Online Laboratories	<p><b>Hamadou Saliah-Hassane</b> Professor, TELUQ - Université du Québec à Montréal, Canada, Former Professor at Abdou Moumouni University and École d'ingénieurs des Mines de l'industrie et de la Géologie, Niger</p>	
African Initiatives	<p><b>Oumar Sock</b> Professor, Ecole Supérieure Polytechnique de Dakar, and President of Conférence des Formations d'Ingénieurs et de Techniciens d'Expression Française (CITEF), Senegal</p>	
US-Africa Partnerships	<p><b>Robert J. Gustafson</b> National Science Foundation Workshop on US-Africa Collaborations, and Director, Engineering Education Innovation Center, Ohio State University, USA</p>	
<b>Discussion and Interaction</b>		
<b>IFEES Lunch</b> sponsored by Autodesk (location to be announced at University of Cape Town)		12:15 - 13:15
<b>Global Student Forum</b> - for those not attending the World Bank Workshop (by invitation only) Interaction with global student leaders on the theme: <i>Sustainability and engineering education</i>		15:45 - 16:15

<b>Session 3 (Menzies 9)</b>		13:15 -
<b>World Bank Workshop: (By Invitation Only)</b>		18:15
<b>Engineering Education in the Knowledge Economy</b>		
This highly interactive 5 hour workshop, specially designed for the Summit, aims at giving a deeper understanding of the concept of a knowledge economy in theory and in practice, specifically how engineering education - in particular the groups that attendees represent - can be better structured to support this economy in the context of the widely varied regional and sector perspectives. Participants will formulate immediate and long-term action plans for their own organizations to better support the knowledge economies of their own countries and garner useful contacts - leaders in their own sectors and nations.		
<i>Moderators:</i>		
<b>Bruno A. Laporte</b> , Manager, Knowledge and Human Development (WBIHD), World Bank Institute;		
<b>Anuja Utz</b> , Program Leader, Knowledge for Development (K4D) Program, World Bank Institute;		
<b>Lueny Morell</b> , President Elect of IFEEES, and Director, Engineering Education Innovation, HP Labs Open Innovation Office, Hewlett Packard		
The Concept of a Knowledge Economy and Engineering Education	<b>Bruno A. Laporte</b> Manager, Knowledge and Human Development (WBIHD), World Bank Institute  <b>Anuja Utz</b> Program Leader, Knowledge for Development (K4D) Program, World Bank Institute	
Engineering Education and its Support for the Knowledge Economy	<b>Lueny Morell</b> President Elect of IFEEES, and Director of Engineering Education Innovation, HP Labs Open Innovation Office, Hewlett Packard  <b>Jenni Case</b> Professor at University of Cape Town, South Africa	
<b>Parallel Interactive Working Groups</b>		15:45 -
Two interactive working sessions will be conducted in parallel to allow small group collaboration to generate short and long term action items.		16:15
<b>Parallel Working Groups 1: (Menzies 9)</b>		
<b>World Bank Interactive Working Session:</b>		
<b>Integrating Perspectives - Bringing Together the Relevant Stakeholders</b>		
Limited to 50 participants working in groups of 8-10 to consider how engineering education can augment the knowledge economy in their own and their group members' contexts, and to generate one immediate action item and one long-term action item that they will implement and report on at next year's IFEEES Summit.		
Integrating Perspective: Bringing Together the Relevant Stakeholders	Facilitated by the World Bank Workshop Moderators	
<b>Parallel Working Groups 2: (EM7)</b>		
<b>IFEEES - Global Student Forum Working Session (by invitation only):</b>		
<b>Sustainability and Engineering Education</b>		
Selected IFEEES Summit participants join 80 global student leaders participating in the Global Student Forum to discuss creative solutions related to Sustainability OF Engineering Education, Sustainability IN Engineering Education, and Sustainability THROUGH Engineering Education.		
Sustainability and Engineering Education	Facilitated by <b>Nicolò Wojewoda</b> Co-founder and Coordinator of Student Platform for Engineering Education Development (SPEED)	
Working Coffee Break	16:15	

Final World Bank Workshop Session (Menzies 9)		16:45 - 18:15
A Look on the Ground and Ahead - Current Work and Future Opportunities	<p><b>Robert J. Hawkins</b> Senior Operations Officer, Knowledge and Human Development (WBIHD), World Bank Institute</p> <p><b>Krishna Vedula</b> Executive Director of Indo-US Collaboration for Engineering Education (IUCEE), Executive Director of American Society for Engineers of Indian Origin (ASEI), and Dean Emeritus at University of Massachusetts -Lowell, USA</p> <p><b>M. P. Ravindra</b> Advisor on Education and Research for Infosys Technologies Ltd., India</p> <p><b>Gudrun Kammasch</b> Vice President of International Society for Engineering Education (IGIP), on Ethiopian Engineering Capacity Building Programme and Professor at University of Applied Sciences - Berlin, Germany</p> <p><b>Duncan Fraser</b> Secretary General of the African Engineering Education Association (AEEA), and Professor at University of Cape Town, South Africa</p> <p><b>Jennifer DeBoer</b> Pre-Doctoral Fellow at Vanderbilt University, USA</p>	
Closing and Results of First Day of Summit	World Bank Workshop Moderators	18:15 - 18:30
Buses depart University of Cape Town to Cape Town International Convention Center for those who will not attend IFEES Cocktail and Dinner		18:30
Buses depart University of Cape Town to the Wild Fig Restaurant for invited IFEES participants		18:30
Registered Guest Transportation is not provided. We suggest Registered Guests gather in the lobby of the Westin Grand Cape Town Arabella Quays Hotel at 19:00 to organize and share taxis to The Wild Fig Restaurant		18:30
<p><b>Cocktail and Dinner</b> sponsored by Autodesk at The Wild Fig Restaurant (by invitation only) (For selected IFEES Summit Registered Attendees and Registered Guests) <i>Moderator: Claudio Borri</i>, IFEES President, Past President of European Society for Engineering Education (SEFI), and Professor, University of Florence, Italy</p> <p>Brief remarks by sponsor <b>Alan Jacobs</b> Senior Manager of University Programs, Autodesk</p> <p><b>Keynote Speaker</b> <i>"Is it just an engineering problem? Thoughts about the needs of society in 21st century"</i> <b>Konrad Osterwalder</b> Rector of United Nations University in Tokyo, Japan</p>		19:00 - 21:00
Buses depart Wild Fig Restaurant to Cape Town International Convention Center		21:00

**Monday - October 20, 2008**  
**Cape Town International Convention Center**

Registration Open - (Cape Town International Convention Center) 7:00

**Session 4 (Meeting Rooms 2.41 and 2.42)**

**Interactive Panel:** 8:00 - 9:00

***Student Attraction and Success, and Lifelong Learning in Support of Knowledge Economies: Initiatives, Best Practices and their Application to the Developing World***

This second panel reaching in to its member societies focuses on initiatives aimed at improving engineering student attraction and success and lifelong learning. The format of the panel allows for brief spotlights (5-8 minutes) of featured initiatives, and followed by round tables discussions.

*Moderator: Julia Ivanova*, Co-founder of Student Platform for Engineering Education Development (SPEED), co-organizer of the Global Student Forum, member of the IFEEES Summit Planning Committee, and Graduate Student at the Technical University of Denmark

Global Student Initiatives	<b>Nicolò Wojewoda and Julia Ivanova</b> Co-founders of Student Platform for Engineering Education Development (SPEED)
Global Service Learning and Technical Practice Initiatives	<b>Regina Clewlow</b> Co-Founder and Former Executive Director, Engineers for a Sustainable World (ESW)  <b>Monica Rucki</b> Overseas Leadership Team at Engineers Without Borders (EWB) - Canada, based in the Republic of Malawi in Southeastern Africa
European Student Initiatives	<b>Adriana Garboan</b> Former Vice President of Board of European Students of Technology (BEST), and Student at Politehnica University of Bucharest, Romania
Campus Connect: An Industry Initiative	<b>R. N. Prasad</b> Vice President of Education and Research at Infosys Technologies Ltd., India
Preparation for success in a global economy	<b>Stephen Stott</b> Educational Program Manager for Europe, the Middle East and Africa at Autodesk
African Response	<b>Matthew L. Luhanga</b> Vice Chancellor of University of Dar es Salaam, Tanzania

**Round Tables 1 (Meeting Rooms 2.43 and 2.44)** 9:00 - 9:30

Participants will break into special interest groups facilitated by Executive Committee Members, Nominees for the Executive Committee and Summit Planning Committee Members, to network and discuss members' initiatives, and explore opportunities for collaborations in order to catalize and expand initiatives that promote knowledge economies. The aim is to promote new alliances and the formation of working groups that will drive projects that realize IFEEES' vision and strategic plan. The Rapporteur of each Round Table will present brief summaries of initiatives identified and expected outcomes of the collaborations initiated.

**Round Table 1 - Accreditation - Facilitator: Iring Wasser (Rapporteur)**, Chief Executive Officer of ASIIN Consult GmbH, Chairman of the European Network for the Accreditation of Engineering Education (ENAEE) EUROpean ACcredited Engineer (EUR-ACE) "EUR-ACE® Label Committee", and IFEEES Executive Committee Nominee. **Hasan Mandal**, Vice Chair of Global Engineering Deans Council (GEDC), IFEEES Executive Committee Member, and Dean at Anadolu University, Turkey

Topics will include: IFEEES Strategic Plan and collaboration on possible initiatives for IFEEES endorsement



**Round Table 2 - Africa - Facilitators: Funso Falade** (*Rapporteur*), President of African Engineering Education Association (AEEA), IFEEES Vice President and Member of IFEEES Summit Planning Committee, and Professor at University of Lagos, Nigeria; and **Duncan Fraser**, Secretary General of the African Engineering Education Association (AEEA), Co-Chair of the ASEE Global Colloquium, Member of the IFEEES Summit Planning Committee, and Professor, University of Cape Town, South Africa

Topics will include: IFEEES Strategic Plan, follow up on the African vision for IFEEES Summit, collaborations for attaining the desired outcomes, and collaboration on possible initiatives for IFEEES endorsement

**Round Table 3 - The Americas Region - Facilitators: María M. Larrondo Petrie**, Vice President of IFEEES, Co-Chair of the IFEEES Summit, Executive Director of LACCEI (Latin American and Caribbean Consortium of Engineering Institutions), and Associate Dean and Professor at Florida Atlantic University, USA; **José Humberto Loría Arcila** (*Rapporteur*), Representative of ANFEI (Mexican Engineerin Education Society) and Dean at Universidad Autónoma del Yucatán, Mexico, and IFEEES Executive Committee Nominee; **Ramiro Jordán**, Special Advisor to the President of the Iberoamerican Science Technology and Engineering Consortium (ISTEC) and Professor, University of New Mexico, USA, IFEEES Executive Committee Nominee; and **Jose Carlos Quadrado**, IFEEES Summit Co-Chair, Vice President of IberoAmerican Engineering Education Association (ASIBEI), President of Instituto Superior de Engenharia de Lisboa, Portugal (ISEL), and IFEEES Executive Committee Nominee.

Topics will include: IFEEES Strategic Plan, review of meeting on Engineering for the Americas (EftA), proposal for an IFEEES Western Hemisphere Summit, possible adaptation of the IUCEE Summer Faculty Leadership Institute model to this region, and collaboration on possible initiatives for IFEEES endorsement.

**Round Table 4 - Asia - Pacific Region - Facilitators: Nitte R. Shetty**, President of Indian Society of Technical Education (ISTE), IFEEES Vice President, Former Vice Chancellor of Bangalore University, and member of Board of Governors of National Institute of Technology-Warangal, India; **Yu Showen** (*Rapporteur*), Deputy Director of Chinese Society for Engineering Education, Member, Education Commission, Chinese Academy of Engineering, and Former President of Tsinghua University, PRC

Topics will include: IFEEES Strategic Plan, review of meetings on Engineering for the Americas (EftA), proposal for an IFEEES Western Hemisphere Summit, possible adaptation of the IUCEE Summer Faculty Leadership Institute model to this region, and collaboration on possible initiatives for IFEEES endorsement..

**Round Table 5 - Global Student Forum Action Plans Follow Up - Facilitators: Julia Ivanova**, Co-founder of Student Platform for Engineering Education Development (SPEED), co-organizer of Global Student Forum, member of IFEEES Summit Planning Committee, and Graduate Student at Technical University of Denmark; **Adriana Garboan**, Former Vice President of Board of European Students of Technology (BEST), and Student at Politehnica University of Bucharest, Romania; **Sarah Rajala** (*Rapporteur*), President American Society for Engineering Education (ASEE), Professor and Dean and Mississippi State University, USA, and IFEEES Executive Committee Nominee; and **Xavier Fouger**, Director of Dassault Systèmes Global Learning and PLM Academy, and IFEEES Vice President; and **Alan Jacobs**, Senior Manager, University Programs, Autodesk

Topics will include: IFEEES Strategic Plan, review of action plans developed in the IFEEES Summit collaboration with the Global Student Forum on the themes of "Sustainability OF / IN /THROUGH Engineering Education", possible initiatives for student attraction and success for IFEEES endorsement

**Round Table 6 - Listening Post for Member-Proposed Initiatives - Facilitators: Claudio Borri**, President of IFEEES, Past President of European Society for Engineering Education (SEFI), and Professor at University of Florence, Italy; and **Lueny Morell** (*Rapporteur*), President-Elect of IFEEES, and Director of Engineering Education Innovation, HP Labs Open Innovation Office, Hewlett Packard, and **Yuri P. Pokholkov**, President of Russian Association of Engineering Education (RAEE), IFEEES Executive Committee Member, and Rector of Tomsk Polytechnic University, Russia

Topics will include IFEEES Strategic Plan, results of IFEEES Survey, and collaboration on possible initiatives for IFEEES endorsement. The top leaders of IFEEES dialog with Members and Potential Members to listen to Member-proposed initiatives, as well as ideas for the next IFEEES Summit.

**Round Table 7 - to be determined - Facilitators: Mervyn E. Jones** (*Rapporteur*), President of the International Association for Continuing Education (IACEE), IFEEES Executive Committee Member and Director of Centre for Professional Development at Imperial College of London, UK; and **James Melsa**, Former President of the American Society of Engineering Educators (ASEE), IFEEES Executive Committee member.

The topic of this table is left open, to be determined at the conference by Members. Topics will include IFEEES Strategic Plan, and collaboration on possible initiatives for IFEEES endorsement.

Working Coffee Break		9:30
Session 5 (Meeting Rooms 2.41 and 2.42)		10:00 -
<b>Interactive Panel:</b>		11:25
<b><i>Engineering Research, Development, Entrepreneurship and Innovation in Support of Knowledge Economies: Initiatives, Best Practices and their Application to the Developing World</i></b>		
This third panel <i>reaching in</i> to its member societies focuses on initiatives aimed at improvement engineering research, development, innovation. The format of the panel allows for brief spotlights (5-8 minutes ) Of featured initiatives, and schedules time for round table interaction with the audience.		
<i>Moderator: Jose Carlos Quadrado</i> , Summit Co-Chair and President of Instituto Superior de Engenharia de Lisboa, Portugal, and Vice President of IberoAmerican Engineering Education Association (ASIBEI)		
I3 + S3 = the Bosch Doctorate Programme	<b>Maria Rimini-Döring</b> Director of Corporate Research and Advanced Engineering Human-Machine Interaction at Bosch GmbH	
Initiative to Develop and Sustain Entrepreneurs	<b>Ramiro Jordan</b> Founder of Iberoamerican Science Technology and Education Consortium (ISTEC), and Professor at University of New Mexico, USA	
Developing a Global Community of Engineering Education Researchers	<b>Jack R. Lohmann</b> Editor of the Journal of Engineering Education, and Vice Provost for Institutional Development at Georgia Institute of Technology, USA	
EUR-ACE: European Accreditation of Engineering Education and the Global Context	<b>Giuliano Augusti</b> President of the European Network for Accreditation of Engineering Education (EUR-ACE), Coordinator of EUR-ACE Implementation and EUR-ACE SPREAD project, Former President of SEFI (European Society for Engineering Education), Università La Sapienza di Roma, Italy	
Washington Accord, and Regional Accreditation Initiatives in Central America and the Greater Caribbean	<b>Deborah Wolfe</b> Director of Education, Outreach and Research at Engineers Canada, and member of the Provisional Executive Committee for Engineering for the Americas (EftA)	
<b>Discussion and Interaction</b>		
Parallel Round Tables 2 (Meeting Rooms 2.43 and 2.44)		10:50-
Round Tables available for continuation of discussion from first Round Table session, or Special Interest Groups that would like to meet.		11:25
Session 6 (Meeting Rooms 2.41 and 2.42)		11:25 -
<b>Closing Session</b>		12:00
Plans for ISTE-IFEES Asia-Pacific Regional Conference in Bhubaneswar, Orissa, India on 19-21 December 2008 and IFEES 2009 Global Engineering Education Summit in St. Petersburg, Russia on	<b>Nitte R. Shetty</b> President of Indian Society of Technical Education (ISTE), Vice President of IFEES, Former Vice Chancellor of Bangalore University, and member of the Board of Governors of National Institute of Technology - Warangal, India  <b>Yuri Petrovich Pokholkov</b> President of Russian Association of Engineering Education (RAEE) and Rector of Tomsk Polytechnic University, Russia  <b>Claudio Borri</b> President of IFEES, Past President of European Society for Engineering Education (SEFI), and Professor at University of Florence, Italy	

19-23 May 2009	<b>Lueny Morell</b> President Elect of IFEEES, and Director of Engineering Education Innovation, HP Labs Open Innovation Office, Hewlett Packard	
Closing and Evaluation	<b>María M. Larrondo Petrie</b> IFEEES Summit Co-Chair and Vice President; Executive Director of Latin American and Caribbean Consortium of Engineering Institutions (LACCEI), Associate Dean and Professor, Florida Atlantic University, USA  <b>Jose Carlos Quadrado</b> IFEEES Summit Co-Chair and Vice President of IberoAmerican Engineering Education Association (ASIBEI), and President of Instituto Superior de Engenharia de Lisboa, Portugal (ISEL)	
Open Lunch		12:00
<b>ASEE Global Colloquium Parallel Workshops</b> (requires ASEE Global Colloquium registration - see ASEE program for more detail)		14:00 - 17:00
<b>Workshop 5: Rigorous Research in Engineering Education</b> (Meeting Rooms 1.41 and 1.42) <i>Presenters:</i> <b>Ruth A. Streveler</b> , Purdue University, and Karl A. Smith, Purdue University and University of Minnesota		
<b>Workshop 6: Modeling, Distributed Learning and Collaboration in Engineering Education</b> (Meeting Rooms 1.43 and 1.44) <i>Presenter:</i> <b>Eric Hamilton</b> , Pepperdine University; <b>John Christ</b> , US Air Force Academy; and <b>Elizabeth Reilly</b> , Pepperdine University		
<b>Workshop 7: Recent Advances in Engineering Problem Solving</b> (Meeting Room 1.61 and 1.62) <i>Presenter:</i> <b>Michael Cutlip</b> , University of Connecticut		
<b>IFEEES General Assembly of Members- sponsored by MathWorks</b> (Meeting Rooms 2.41 and 2.42)		
<b>IFEEES General Assembly of Members (by Invitation Only)</b> (Meeting Rooms 2.41 and 2.42) Elections and business meeting		14:00 - 16:45
Refreshment Break		15:00 - 15:30
<b>IFEEES Executive Committee Meeting (by Invitation Only)</b> (Meeting Rooms 2.41 and 2.42)		16:50 - 17:50
Buses depart Cape Town International Convention Center to University of Cape Town		18:15
<b>ASEE Global Colloquium Opening Reception</b> sponsored by Dassault Systèmes (Jamison Hall at the University of Cape Town) (requires ASEE Global Colloquium registration or ASEE Spouse-Guest registration)		19:00 - 21:00
Buses depart University of Cape Town to Cape Town International Convention Centre		21:00

## **IFEES 2008 Global Engineering Education Summit Objectives**

- Advance understanding of the relationship between engineering education and knowledge economies.
- Share successful initiatives and best practices, and how they can be adapted to the developing world, with the goal of catalyzing alliances to align initiatives and leverage resources to support knowledge economies.
- Develop local, global, short term and long term action items, relevant to the participants' organization or sector, that advance engineering education and knowledge economies.
- Bring together global leaders from relevant sectors and provide opportunities to network to identify action items that advance common objectives, and to form alliances and working groups to advance these and report outcomes in the next summit.
- Understand the needs and best practices/successes of IFEES member organizations (primarily engineering education associations) in order to initiate a dialogue that will enable IFEES to develop focused strategies to support development of its members in a focused sensible way (identifying needs of both developed and developing world engineering education associations)
- Understanding the engineering education situation in Africa and how IFEES and engineering education can support/help

## **Summit Target Groups**

Leaders from all sectors (academia, industry, government agencies, non-government organizations, private sector, funding agencies, and students) interested in engineering education and socio-economic development

## **FUTURE EVENTS:**

**IFEES 2009 Global Engineering Education Summit  
St. Petersburg, Russia, on 19-23 May 2009,  
in partnership with the Russian Association for Engineering Education (RAEE)**

**ISTE-IFEES Asia-Pacific Regional Conference in Bhubaneshwar, Orissa, India  
on 19-21 December 2008**