

PUC Rio and Texas A&M Workshop
Future of Engineering Education
September 10, 2013
9AM to 12PM

9:00AM-9:10AM WELCOME AND INTRODUCTIONS

9:10AM-9:50 AM SETTING THE STAGE

- **History of Engineering Education in the USA**
- By Dr. Teri Reed, Assist. Vice-Chancellor for Academic Affairs at Texas A& University
- **History of Engineering Education in Brazil**
- By Luiz Carlos Scavarda do Carmo, Vice President for Administrative Affairs at PUC Rio de Janeiro
- **Discussions**

9:50AM-10:30AM INITIATIVES ADDRESSING CHALLENGES OF ENGINEERING EDUCATION BY TEXAS A&M

- **Industry Involvement in the Future of Engineering Education**
- By Magda Lagoudas, Director for Industry/Non-profit Partnerships
- **Innovation in Engineering Education**
- By Dr. P.K. Imbrie, Director for Undergraduate Programs

10:30AM-10:50AM COFFEE BREAK

10:50AM-11:30AM INITIATIVES ADDRESSING CHALLENGES OF ENGINEERING EDUCATION BY PUC RIO DE JANEIRO

- **ENADE**
- By Daniela Vargas, Central Coordinator for Undergraduate Studies at PUC-Rio..
- **Hands-on Engineering Experience for Freshmen**
- By Ricardo Yogui, Instructor of the Freshmen course "Introduction to Engineering".

11:30AM-12:00PM DISCUSSION AND CLOSING

12:30PM-1:30PM CLOSING LUNCH

PARTICIPANTS FROM TEXAS A&M UNIVERSITY:

- Dr. M. Katherine Banks, Vice Chancellor and Dean of Engineering; Director, Texas A&M Engineering Experiment Station
- Dr. Teri Reed, Assistant Vice Chancellor of Academic Affairs for Engineering; Assistant Dean of Academic Affairs for the Dwight Look College of Engineering; and Assistant Agency Director for Workforce Development
- Dr. P. K. Imbrie, Director, Undergraduate Academic Dr. Dale Cope, Director of Industry Assistance
- Mrs. Magda Lagoudas, Director, Engineering Academic and Student Affairs
- Mrs. Maria Alves, Director for Engineering International Programs

PARTICIPANTS FROM PUC RIO DE JANEIRO

- Luiz Carlos Scavarda do Carmo, Vice-president for Administrative Affairs at PUC-Rio.
- Daniela Vargas, Central Coordinator for Undergraduate Studies at PUC-Rio.
- Luiz Fernando Martha, Vice-Dean for Undergraduate Studies, College of Science and Technology.
- Carlos Frederico Palmeira, Vice-Dean for International Affairs, College of Science and Technology.
- José Alberto Parise, Past Dean College of Science and Technology.
- Elisa Sotelino, Coordinator of the Center for Science and Engineering Education (NECE), College of Science and Technology.
- Ana Pavani, Undergraduate Coordinator of the Department of Electrical Engineering.
- Marcelo Dreux, Coordinator for the Professional Cycle of the Science and Engineering Program, College of Science and Engineering.
- Glaucio Siqueira, Coordinator for the Basic Cycle of the Science and Engineering Program, College of Science and Engineering.
- Mauro Speranza, Assistant Professor, Department of Mechanical Engineering.
- Ricardo Yogui, Instructor of the discipline "Introduction to Engineering".
- Eduardo Pacheco, Professor, Department of Electrical Engineering.
- José Araruna, Coordinator of the Environmental Engineering Program.
- Lorena Chamorro, Doctoral Student in the Department of Civil Engineering.