

Timetable Overview - March 24, 2003.

(Preliminary 14-01-2003)

Morning

7h30 – 9h00 Registration

8h30 – 10h00 Grand Opening Plenary

- Welcome by Prof. Baptista Gargione Filho, Rector of UNIVAP and General-chair
- Introduction to the IASEE by Prof. Luiz Carlos Scavarda do Carmo – Chair of the Organizing Committee
- Trends, Strategic Issues and Challenges in Engineering Education by Dr. Marcio Barbosa, Deputy Director General of UNESCO
- Funding for Education and Research in Brazil by Dr. Francisco Romeu Landi, Board President, State of São Paulo Foundation for Support f Research (FAPESP), São Paulo, Brazil

Session Chair: Representative of the Brazilian Government
 Rapporteur: Prof. Marcos Tadeu T. Pacheco
 (Director IPD-UNIVAP, Brazil)

10h00 – 10h30 Break

10h30 – 12h30 First Plenary Session

Keynotes Speakers:

(25min each + 20min for questions)

- Accreditation trends around the word – Dr. Russel Jones
Past President of ABET, USA
- Funding opportunities – Dr. Win Aung
US National Science Foundation, DC, USA
- Engineering Education in Brazil – Prof. Paulo Alcântara Gomes
President, Council of Rectors of Brazilian Universities – CRUB, Brasilia, DF, Brazil
- University-Industry interactions – Dr. Wayne Johnson
Special Advisor, Hewlett-Packard Company, USA

Session Chair: Prof. Waldimir P. Longo
 (National Observatory, Rio de Janeiro, Brazil)

Rapporteur: Prof. José Alberto Parise
 (Dean of Engineering - PUC-Rio, Brazil)

12h30 – 14h00 Lunch

Afternoon

14h00 – 16h00 Second Plenary Session: Developments in Engineering Education

- Impact of the Bologna Declaration on engineering education in Europe – Dr. Kruno Hernaut, Siemens AG, Germany
- Reform of engineering education on the US through the NSF Coalitions program
Prof. Winfred Philips, University of Florida, USA
- UNESCO programs in support of Engineering Education (Latin American representative)
- Innovations on Engineering Education - The Aalborg Model - Prof. Flemming K. Fink, Aalborg University, Denmark
- Engineering Education in Mexico – Prof. Eugenio Garcia Gardea, Dean of Engineering, Instituto Tecnológico de Monterrey (ITESM), Mexico

Session Chair:

Rapporteur:

16h00 – 16h30 Break

16h30 – 18h30 Third Plenary Session: Working Group to establish the Ibero-American Network for Engineering Education (IANetEE)

(Challenges, aims and group organization and functioning)

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|-------------|--|-------------------------------------|----------------------------|
| Organizers: | PUC-Rio (Brazil) | UNIVAP (Brazil) | University of Florida (US) |
| | Universidad de Puerto Rico en Mayaguez (Puerto Rico) | | HP |
| | ABENGE (Br) | Universidad Politécnica de Valencia | |
| | CoHemis (Puerto Rico) | ISTEC | CONFEDI (CI) |
| | ASEE | INEER | ANFEI(Mexico) |
| | CONFEDI (Ar) | ASIBEI | |

Session Chair: Prof. Luiz Antônio Gargione (Executive Chair, UNIVAP)

Rapporteur:

Evening

19h00 Opening Reception

IBERO-AMERICAN SUMMIT ON ENGINEERING EDUCATION

Timetable Overview - March 25, 2003.

Morning

7h30 – 8h30 Registration

8h30 – 10h00 Parallel Panels

University-Industry Interaction and Innovation

Keynotes Speakers:
(15min each + 10min for questions)

- Dr. Wilfried Sihm; Fraunhofer Institute, Germany
- American Name
- John Spencer (Microsoft Research)
- Dr. David Strangway; President, Canada Foundation for Innovation (CFI), Ottawa, Canada
- Brazilian name

Session Chair:

Rapporteur:

Curriculum development

Keynotes Speakers:
(15min each + 10min for questions)

- Prof. Lyle Feisel – IEEE Vice President for Educational Activities
- Eugenio Garcia Gardea (ITESM)
- Latin American name
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Session Chair:

Rapporteur:

10h10 – 10h30 Break

10h30 – 12h30 Parallel Panels

Current Status of Accreditation in Engineering Education

Keynotes Speakers:
(15min each + 5min for questions)

- Fernando Ocampo Canabal, CACEI, Mexico
- Jerry Yeargan, ABET Immediate Past President, USA
- Bologna Declaration – Prof. Aparicio Isquierdo Universidad Politecnica de Madrid – Spain
- Deborah Wolfe, CEAB, Canada
- Assessment & Accreditation in Brazil – CAPES
- Accreditation in Argentina – Dr. Osvaldo M. Micheloud – CONFEDI - Argentina

Session Chair: Jerry Yeargan

Rapporteur:

Funding Mechanisms

Keynotes Speakers:
(15min each + 10min for questions)

- Representative from Conacyt (Argentina)
- Representative from Conicyt (Mexico)
- Representative from CNPq (Brazil)
- Representative of NSF (USA)
- Dr. Fernando Perez, Scientific Director, FAPESP, São Paulo, Brazil

Session Chair: Prof. Heitor Gurgulino de Souza, Vice-President IAUP

Rapporteur:

12h30 – 14h00 Lunch

Afternoon

14h00 – 15h00 Video Conference

Video Conferences from important personalities and officials of the Major Sponsor Companies

15h00 – 17h00 Parallel Sessions for Short Papers presentation Leading to the Poster Session

17h00 – 18h30 Poster Session

▶ 1

Assessment & Accreditation

▶ 2

Engineers Mobility: Perspectives from Industry

▶ 3

Innovative Curriculum in Engineering and Technology Education

▶ 4

International Collaborative Efforts in Engineering Education

▶ 5

Student and Faculty Exchange

▶ 6

Innovative Teaching Strategies and Tools Distance Education

Evening

19h30 Conference Dinner

IBERO-AMERICAN SUMMIT ON ENGINEERING EDUCATION

Timetable Overview - March 26, 2003.

Morning

7h30 – 8h30 Registration

08h30 – 10h00 Parallel session of workshops / Session on Funding Mechanism

► **Workshop A**
Accreditation Challenge & Opportunities

Iring Wasser; German Engineering Accreditation Agency
Lyle Feisel; IEEE-EAB
Session Chair: Frenando Ocampo Canabal

► **Workshop B**
University-Industry Interaction

Agnaldo Rocha

► **Workshop C**
Curriculum Development

Session on Funding Mechanisms

Discussion on possible collaborative programs

Session Chair: Prof. Heitor Gurgulino de Souza, Vice-President IAUP

Rapporteur:

10h00 – 10h30 Break

10h30 – 12h30 Fourth Plenary Session:

Industry Round Table (industry sponsors, funding agencies and international organisms)

- HP
- PETROBRAS
- MICROSOFT
- ERICSSON
- MOTOROLA
- EMBRAER
- VOLKSWAGEN
- Kodak
- FIESP/ CIESP
- Bio Engineering Industry
- Chemical Engineering Industry
- Nano-Technology Industry

Session Chair: Prof. Lueny Morell (HP, USA)

Rapporteur: Prof. Paulo Lourenção (EMBRAER, Brazil)

12h30 – 14h00 Lunch

Afternoon

14h00 – 15h30 Fifth Plenary Session: Ibero-American Network for Engineering Education (IANetEE)

Discussions, Recommendations and Preparation of an Action Plan

Session chair: Luiz Antônio Gargione, Executive Chair, UNIVAP, Brazil

Rapporteur: Prof. Luiz Carlos Scavarda do Carmo, Chair of the Organizing Committee, PUC-Rio, Brazil

15h30 - 16h00 Break

16h00 – 17h30 Final Plenary Session:

General Summary and Recommendations by the General Rapporteur
Closing Remarks and the Networks on EE by Dr. Win Aung – NSF - iNEER

Session Chair: Prof. Antonio de Souza Teixeira Júnior, Vice-Reitor, UNIVAP
(Chair of the Local Committee)

General Rapporteur: Prof. Luiz Alberto Vieira Dias
(UNIVAP, Brazil)

18h00 Departure

Evening

19h30 Dinner for post Conference Workshops Attendees

Timetable Overview - March 27, 2003. Post Conference workshop

Morning

7h00 – 8h30 Registration to the workshops

08h30 – 10h00 Two parallel workshops

10h00 – 10h30 Break

10h30 – 12h30 Two parallel workshops

Possible workshop themes:

- IT on Education
- The Learning Factory
- Distance Education
- Curriculum design
- Hands-on Disciplines
- Issues in Engineering Accreditation

13h00 Farewell Lunch

15h00 Departure