



**INTERNATIONAL SYMPOSIUM ON
DESIGN OF ENGINEERING CURRICULA:
INNOVATION AND QUALITY**
*31st March - 2nd April 2011
Miskolc, HUNGARY*

SCOPE AND FORMAT

Higher Education in Europe should face several challenges since the Bologna Declaration was signed in 1999. In response to the new situation, most of the Curricula have undergone substantial changes and new Degrees have appeared all over Europe. On the other hand, those changes have promoted a deeper interest on methodology, and particularly on learning oriented education and innovation.

Accreditation and quality assurance can hinder innovation both in contents and methods of curricula if they are not properly dealt. However, innovation is a must for achieving the best in engineering education programmes. This Symposium aims to analyze the balance between the introduction of innovative changes and the maintenance of high quality standards, as well as the discussion of good practice examples on this matter. The Symposium is mainly a discussion oriented meeting addressed to all those interested in actively participating in innovation processes in Engineering Education: administrators, students and teachers. There will be a limited number of invited introductory lectures in the plenary sessions, and additional discussion on papers dealing with the topics listed below. Experienced discussion leaders will structure with that material discussions in small groups. Official language will be English.

ORGANISED BY

UNIVERSITY OF MISKOLC
in collaboration with
SEFI Curriculum Development Working Group

MAIN TOPICS

The main topics to be discussed are:

- ❖ ACTIVE LEARNING. PROBLEMS AND PROJECT BASED LEARNING.
- ❖ EFFICIENCY OF E-LEARNING AND BLENDED EDUCATION IN EE.
- ❖ ASSESSMENT OF STUDENTS INVOLVED IN ACTIVE LEARNING ENVIRONMENTS.
- ❖ SCIENCE AND TECHNOLOGY INTEGRATION IN ENGINEERING CURRICULUM.
- ❖ ACCREDITATION AND QUALITY ASSURANCE IN CURRICULUM DESIGN.
- ❖ INNOVATION AND GOOD PRACTICE.
- ❖ IMPACT OF WORLD CRISIS ON ENGINEERING CURRICULA

PROGRAM COMMITTEE

- ❖ URBANO DOMÍNGUEZ GARRIDO (CHAIR), UNIVERSIDAD DE VALLADOLID.
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- ❖ ANGELA SZ. VÁRADI, SEFI AC MEMBER, UNIVERSITY OF MISKOLC
- ❖ ERIK DE GRAAFF, TECHNICAL UNIVERSITY OF DELFT, THE NETHERLANDS, AND UNIVERSITY OF AALBORG, DENMARK.
- ❖ JESÚS ARMENGOL CEBRIÁN, UNIVERSIDAD POLITÉCNICA DE CATALUÑA



INTERNATIONAL COMMITTEE

- ❖ GYULA PATKÓ (CHAIR), RECTOR, UNIVERSITY OF MISKOLC
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- ❖ LÁSZLÓ SZENTIRMAI, UNIVERSITY OF MISKOLC
- ❖ PÉTER BIKFALVI, HEAD OF INTERNATIONAL CO-OPERATION AND SCIENTIFIC RESEARCH DIVISION
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- ❖ CLAUDIO BORRI, UNIVERSITY OF FLORENCE, ITALY. FOUNDER PRESIDENT OF THE INTERNATIONAL FEDERATION OF ENGINEERING EDUCATION SOCIETIES (IFEES).
- ❖ ANETTE KOLMOS, UNIVERSITY OF AALBORG, DENMARK, SEFI PRESIDENT.
- ❖ ALFREDO SOEIRO. UNIVERSIDAD DE PORTO, PORTUGAL.
- ❖ ALGIRDAS V. VALIULIS, VILNIUS GEDIMINA TECHNICAL UNIVERSITY, LITHUANIA.
- ❖ ERIK DE GRAAFF, TECHNICAL UNIVERSITY OF DELFT, THE NETHERLANDS, AND UNIVERSITY OF AALBORG, DENMARK.

LOCAL COMMITTEE

- ❖ ANGELA VÁRADI, SEFI AC MEMBER, UNIVERSITY OF MISKOLC
- ❖ LÁSZLÓ SZENTIRMAI, UNIVERSITY OF MISKOLC
- ❖ GABRIELLA BOGNÁR VADÁSZ, VICE DEAN, UNIVERSITY OF MISKOLC
- ❖ PÉTER BIKFALVI, HEAD OF INTERNATIONAL CO-OPERATION AND SCIENTIFIC RESEARCH DIVISION

CALL FOR CONTRIBUTIONS

The Organisers invite academics and stake holders involved in curriculum development of engineering education to contribute to the Symposium with a paper or a poster in the following topics:

- ❖ ACTIVE LEARNING. PROBLEMS AND PROJECT BASED LEARNING.
- ❖ EFFICIENCY OF E-LEARNING AND BLENDED EDUCATION IN EE.
- ❖ ASSESSMENT OF STUDENTS INVOLVED IN ACTIVE LEARNING ENVIRONMENTS.
- ❖ SCIENCE AND TECHNOLOGY INTEGRATION IN ENGINEERING CURRICULUM.
- ❖ ACCREDITATION AND QUALITY ASSURANCE IN CURRICULUM DESIGN.
- ❖ INNOVATION AND GOOD PRACTICE.
- ❖ IMPACT OF WORLD CRISIS ON ENGINEERING CURRICULA.

Prospective authors are invited to submit by e-mail their abstracts in English only in one A4-size page. Once the abstracts have been accepted by the Programme Committee, full papers either in English or in Spanish should be prepared following the instructions provided below, to be published in the Proceedings of the Symposium. For presenting posters or paper at least one of the authors should be registered and paid. Abstracts and full paper should be sent to sefi-cdwg@uni-miskolc.hu

IMPORTANT TERMS

Submission of abstracts and recommendations for workshops: 5 January 2011
Notification of accepted papers, posters and workshops: 31 January 2011
Submission of full papers: 10 March 2011

CONFERENCE LANGUAGE

The language of the Conference is mainly English, at some IGIP sessions German and/or English where simultaneous translation will be provided. All abstracts must be submitted in English even if the full paper were worked out in German.

CORRESPONDENCE ADDRESS



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