

SEFI 2008 Annual Conference Programme - Wednesday

Workshops and Working Group meetings

10.00	SEFI Administrative Council Meeting			
11.00				
12.00				Registration
13.00	1 Rudiosalen	Workshops	7 Laugsstuen	8 Gæstesalen
		6 Musiksalen		
14.00				
	1 Rudiosalen	3 Musiksalen	5 Laugsstuen	SEFI
				Sisterorg.
15.00				Meeting
	1 Rudiosalen	3 Musiksalen	5 Laugsstuen	Newcomers
				Meeting
16.00				

1	WG Curriculum Development	Eric de Graaf The Netherlands
2	STUS Workshop - Canceled!	STUS Denmark
3	Influence of appraising the performance of the academic (engineering) staff on organisational change and faculty development	Dan-Maniu Duse Romania
4	How to develop co-operation with engineering students in SEFI	Kati Korhonen-Yrjänheikki Finland
5	WG Engineering Education Research, preparing meeting	Anette Kolmos Denmark
6	WG Continuing Engineering Education	Markku Markkula Finland
7	Lego Serious Play	Poul Kyvsgaard Hansen Denmark
8	Workshop on Educational Change towards Problem Based Learning in Engineering Education in a Cultural Perspective	Alex Stojcevski (Victoria University, Australia) Anette Kolmos (Aalborg University, Denmark) Xiangyun Du (Aalborg University, Denmark)
poster	WG Ethics in Engineering	Henk Zandvoort The Netherlands

Note: Workshop 4 takes place on Thursday

Workshops - content

<p>3</p>	<p>Influence of appraising the performance of the academic (engineering) staff on organisational change and faculty development</p> <p>We intend, by using the creative method of the morphological matrix of ideas in a three-dimensional space, to put into relationship the three components of management policies in engineering faculties.</p> <ul style="list-style-type: none"> - the appraisal (evaluation) of academic performances, with three variables: appraisal of the academic staff by the students, appraisal by peers and appraisal by the management; - organisational change, with three variables: management of the own activity; group management and organisational culture (the change); - organisational development, with three variables: organisational learning, career development and managerial development <p>The interference of the three components in the case of engineering education offers the opportunity to discover new ideas for the change and development of universities.</p> <p>The participants are invited to discover together with us these ideas. The cultural diversity and the institutional experience of the possible participants offers the chance of a meeting with rich results.</p>	<p>Facilitator: Dan-Maniu Duse Romania</p>
<p>4</p>	<p>How to develop co-operation with engineering students in SEFI</p> <p>Students are important stakeholders of the engineering education community. They represent future engineers and have a significant role in development of engineering education. Therefore, students are also for SEFI an important membership group.</p> <p>The student organizations in European universities offering engineering education are not similar. Also the role of students in higher education community varies. In northern part of Europe students are well represented also in the governance of the university, including the board, while in some other countries influencing in education is more indirect.</p> <p>The competition between universities in Europe, and globally, is increasing. This is the case also concerning talented students. This is likely to increase the decision-making power of students as a stakeholder group.</p> <p>The students are important source of feedback in developing engineering education. They often bring also fresh new ideas and aspects to the discussions on development of education. How can SEFI use better the potential of European engineering students to develop the quality of European engineering education? How to develop SEFI to be more student-friendly? What are the main things students expect from SEFI? These issues will be discussed during the workshop.</p>	<p>Facilitator: Kati Korhonen- Yrjänheikki Finland</p>
<p>7</p>	<p>Lego Serious Play</p> <p>Give your brain a hand</p> <p>The workshop introduces a series of methods to facilitate the articulation of complex and often tacit knowledge and relationships in business processes or learning situations in general. The method Serious Play is a somehow accidental spin off from LEGO Group. Serious Play combines elements of games and workshops. In the workshop the participants will get a hands on experience of the methods and will be engaged in discussions on the application of the methods.</p>	<p>Facilitator: Poul Kyvsgaard Hansen Denmark</p>

	The methods have already proven very efficient in business settings but there are a lot of applications yet to be developed within teaching applications.	
8	<p>Workshop on Educational Change towards Problem Based Learning in Engineering Education in a Cultural Perspective</p> <p>The objectives of this workshop are:</p> <ul style="list-style-type: none"> ▪ to present a range of models for educational change towards Problem Based Learning in Engineering Education with a cultural perspective ▪ to facilitate exchange of experiences on Problem Based Learning in an intercultural perspective among participants. 	<p>Facilitators: Alex Stojcevski (Victoria University, Australia) Anette Kolmos (Aalborg University, Denmark) Xiangyun Du (Aalborg University, Denmark)</p>

Working Group meetings

1	WG Curriculum Development	Erik de Graaff
5	<p>WG Engineering Education Research, preparing meeting</p> <p>SEFI administrative council has supported a proposal for a new working group on Engineering Education Research. The proposal will be on the agenda for approval at the SEFI general assembly. This first meeting in the working group will concern planning of the work, organisation and first activities in the working group.</p> <p>The overall objective for the SEFI Working Group on Engineering Education Research (WG-EER) is to create a European community of engineering education researchers in order to contribute with research evidence to the advancement of engineering education.</p> <p>Specific objectives for the WG-EER are:</p> <ul style="list-style-type: none"> - to raise awareness of the need of a research approach to the development of engineering education, - identify and define the research area of engineering education and the engineering education researchers, - to support the establishment of engineering education research as a discipline in Europe as a whole as well as regionally, - to establish and contribute to European research projects, - to collaborate in the training of PhD students and to establish a European standard for doctoral training for engineering education researchers - to influence and strengthen the engineering education research dimension at SEFI annual conferences - to actively support the development of the SEFI journal European Journal of Engineering Education as a platform for research on engineering education <p>Agenda for the meeting is:</p> <ol style="list-style-type: none"> 1. background and discussion of the proposal for the working group 2. strategies for development of EER 3. organization of the working group 4. kick off seminar 	Anette Kolmos

6	WG Continuing Engineering Education	Markku Markkula