

SEFI Annual Conference 2011, Lisbon, 28-30 September

from 28-30 September 2011

The SEFI Annual Conference 2011, will take place in Lisbon



SEFI 2011 Annual Conference -Full papers (listed by topic)

Below you will find all papers presented during the SEFI 2011 Annual Conference, listed by topic of interest.

T14-Other Engineering Education Themes

A Crucial Milestone for EUGENE: from vision to action.
Claudio Borri, Elisa Guberti and Francesco Maffioli

Outcomes of a pilot final year programme in science, technology and engineering to create entrepreneurial graduates.

Barry Kirkpatrick, Cormac Macmahon and Claire Macnamee

Active Learning in Engineering Thermodynamics for First Year Students using a Project Approach.

Joakim Wren

Tomsk Polytechnic University and Heriot-Watt University: Training Elite Personnel for Petroleum Industry.

Peter Chubik, Yuri Pokholkov, Andrey Dmitriev and Konstantin Maksyutin

Poke fun at yourself: the problem of self-deprecating humor.

Bas Andeweg, Sarah Gagestein, Jaap De Jong and Martijn Wackers

Student-industry collaboration models: challenges and risks.

Christin Lindholm and Lise Jensen

Engineering Promoting Prosperity.

Melany Ciampi

Why students' plagiarism is such a persistent phenomenon: A literature review and empirical study.

Dimitra Dodou and Joost C. F. De Winter

Project of improving the quality of future teachers - engineers.

Katarina Krpalkova Krelova and Lucia Kristofiakova

Teaching of operational excellence in Moroccan universities and high schools A major lever for a competitive Moroccan company.

Laila Elouarat, Saadi Janah and Khalid Kouiss

Introduction to Civil Engineering at University of Florida using truss bridge construction for freshmen.

Fazil Najafi and Sarah Jayasekaran

. Internationalization of the construction sector: AEC application software.

Carlos Fernández Fernández, Benjamín González Cantó, M. Carmen García Pastor

Is Engineering Education an Education for the Engineering Profession?

Josef Rojter

The Current Status of Tertiary Students' Problem Solving Abilities after One-year Internship.

Hsi-Hsun Tsai

PBL and Engineering: two sides of its implementation.

Matilde Pato and Nuno Datia

Engineering Faculties in Developing and Assessing Professional Competencies for Engineers in Australia.

Steven Goh and Frank Bullen

. Is There a Marketing Advantage in Selling Engineering Courses via Differentiation of Course Pedagogy?.

Josef Rojter

Bridge maintenance and structural strategies to prevent existing bridges from failure.

Sarah Jayasekaran and Fazil Najafi

The quantitative analysis of investing government funding into transit systems within small urban areas.

Judith Johnson, Scott S Elli and Fazil Najafi

. Training of Administrators for the Engineering Higher Education Institutions.

Victor Pushnykh, Yury Pokholkov and Kseniya Tolkacheva

Robotics: a Case Study of Contextualization in Engineering Education.

Kenji Sakata Jr. and Giuliano Salcas Olguin

The Construction and Verification of a Self-regulated Learning Process Model of the Electrical Technology Basic Competency.

Chi-Tung Chen and Ruey-Gwo Chung

Formation of requirements to final work by modular system.

Valeriy Antonov, Nikolay Khon and Tatyana Khon

QUALITY OF PHYSICAL FACILITIES AND HUMAN RESOURCES FOR ENGINEERING EDUCATION IN AFRICA.

Funso Falade

Using PBL in Engineering: Implementation analyses.

Nuno Domingues

Cross-impact analysis of development of Orlando-Miami, Florida, high-speed rail 20 years after completion.

Ly Nguyen and Fazil Najafi

Successful Engineering and Technology Student Mobility: Key student perspectives and quality determinants before, during and after student

Mike Murphy, Donal Mchale, Michael Dyrenfurth and James Barnes

SEFI Annual Conferences: Reviewing Process

The SEFI Annual Conferences proceedings are peer-reviewed.

There are two stages in the process:

1. the review of the abstracts and
2. the review of the final papers.

The review is ensured by an international community of qualified engineering education researchers and academics, members of SEFI institutional members or invited by the SEFI Conferences' organizers - *in this case professors and researchers from the Conference hosting institution.*