

PROGRAMME

Wednesday, November 23rd

20:00 – 21:30 **Welcome Reception**
in Patras Palace Hotel

Thursday, November 24th

08:45 – 09:30 **Registration**

09:30 – 10:00 **Welcome Addresses**

10:00 – 11:00 Statics for Engineers: From Diagnosis of Student Difficulties to a Statics Concept Inventory and an Open Course
Invited Talk by Prof. Paul Steif

11:00 – 11:45 The Work of the Joint Board of Moderators: Reflections on the UK Accreditation Process, Educational Standards and the Skills needed by Industry
Invited Talk by Dr John Roberts

11:45 – 12:15 **Coffee Break**

12:15 – 13:20 **Session 1: Teaching & Learning**

Chair: *Iacint Manoliu, Ellen Touw*

Information Technologies in Structural Engineering: A Paperless Course
A.G. Sextos

A Training, Demonstration Project for Current and Future Workforce in a Coupled Natural Human Agricultural Ecosystem
A. N. T. Papanicolaou

Curriculum Development Using Graphs of Learning Outcomes
T. Auvinen

Student Perspectives on Communication: A Case Study on Different Methods of Communication Used by Engineering Students
M. J. Rainey and T. F. Lawlor-Wright

Defining Workplace Experience Framework: Analyzing Social Heartbeat of Aalto University Design Factory
I. V. Kojo, S. P. Nenonen and E-M. Santamäki

13:20 – 14:50 **Lunch Break**

(13:50-14:45 Administrative Council)

14:50 – 15:30 New Trends in EE: Mega Projects and Globalization
Invited Talk by Prof. Anette Kolmos

15:30 – 16:30 **Session 2: Civil Engineering Curricula: Old and New-A**

Chair: *Roger Frank, Marina Pantazidou*

A Cultural Divide? Different Modes of Teaching Construction Management
A. L. Ahearn, S. Popo-Ola, A. Ciribini and G. Girmscheid

The Role of EERI Seismic Design Competition in Imparting Technical Competence and Professional Exposure in the Undergraduate Civil Engineering Curriculum

D. Verdes, K. Ramanathan and A. Khosravifar

Educating Civil Engineers on Hazard Mitigation and Sustainability
K. L. Katsifarakis

SASICE: Safety and Sustainability in Civil Engineering
G. Terti, M. Savoia, J. Azevedo, A. Bloodworth, G. De Roeck, V. Esteban – Chapapria, A. Lobo, G. Lombaert, G. Magenes, P. Prinós and G. Vigiani

On the Economic Approach to Natural Hazards Management. What Economics Can Add to Common Technical Knowledge on Hazard-Risk Binomial in Engineering Disciplines?

P. Díaz Simal and S. Torres Ortega

16:30 – 17:00 **Coffee Break**

17:00 – 17:40 **Session 3: Bologna Implementation and Concerns**

Chair: *Colin Kerr, Stephanos Dritsos*

Civil Engineering Education and the Bologna Declaration: A Greek Retrospective

V. J. Moseley and S. E. Dritsos

Civil Engineering Education, 12 Years After Bologna – A Case Study: Romania
I. Manoliu

Civil Engineering Studies at the Silesian University of Technology according to the Bologna Declaration

L. Szojda

17:40 – 18:20 **Session 4: Graduate**

Chair: *Jean Berlamont, Achilleas Papadimitriou*

Graduate and Master Curricula in the Field of Civil Engineering at Escola De Camins of UPC (Spain)

S. Olivella and A. Huerta

Development and Implementation of a Postgraduate Course on Research Methodology for Engineers and Scientists
P. Latinopoulos

Greek Universities at a Cross-Road: How Can Their Decline Be Reversed
S. Anagnostopoulos

18:20 – 19:20 **Working Group Meetings**

- “Curriculum Development”
- “Best Practices in Teaching, Learning and Assessment”

20:00 – 22:30 **Conference Dinner**

Friday, November 25th

09:15 – 10:00 Engineering Education Policies and Politicians...

Invited Talk by Prof. Theodosios Tassios

10:00 – 10:45 EUR-ACE: The European System of Accreditation of Engineering Education and its Relevance for Civil Engineering

Invited Talk by Prof. Giuliano Augusti

10:45 – 11:15 **Coffee Break**

11:15 – 12:10 **Session 5: Civil Engineering Curricula: Old and New-B**

Chair: *Diego Lo Presti, Stavros Anagnostopoulos*

Enduring Constituents of Civil Engineering Curricula: Educational Field Trips and Diploma Thesis

M. Pantazidou and P. Marinos

The Visual Impact Issue in the Civil Engineering Curriculum

C. Otero, C. Machado and R. Arias

Incorporation of Nanotechnology in the Curriculum of Civil Engineering Education

T. E. Karakasidis

How to Work with Curved Structures: Theory and Applications

J. Paavola and E.-M. Salonen

12:15 – 15:00 **Trip to Rion Bridge & Lunch**

15:15 – 16:15 **Session 6: Qualifications, Accreditation, Assessment**

Chair: *David Lloyd-Smith, Marie-Ange Cammarota*

Effect of the Teaching Activity Evaluation in the Engineering Education Quality

F. J. Martin-Carrasco, J. J. Fraile-Ardanuy and L. Garrote De Marcos

Quality Assessment in Engineering Education in Spain: Towards a New Accreditation Agency

B. Suarez, J. A. Revilla and L. Galan

The role of the AUDIT program in the Internal Quality Assurance Systems as motor of the Technical learning process adaptation for European Space for Higher Education (ESHE): an opportunity to restart the system

P. Diaz Simal, P. Serrano Bravo and A. Ascorbe Salcedo

German Study Program Accreditation at Dead End?

U. Quapp and K. Holschemacher

16:15 – 16:30 **Closing of the Conference**

16:30 – 19:30 **4th EUCET Association General Assembly**

Sponsors



EUCET Association



Department of Civil Engineering
University of Patras, Greece



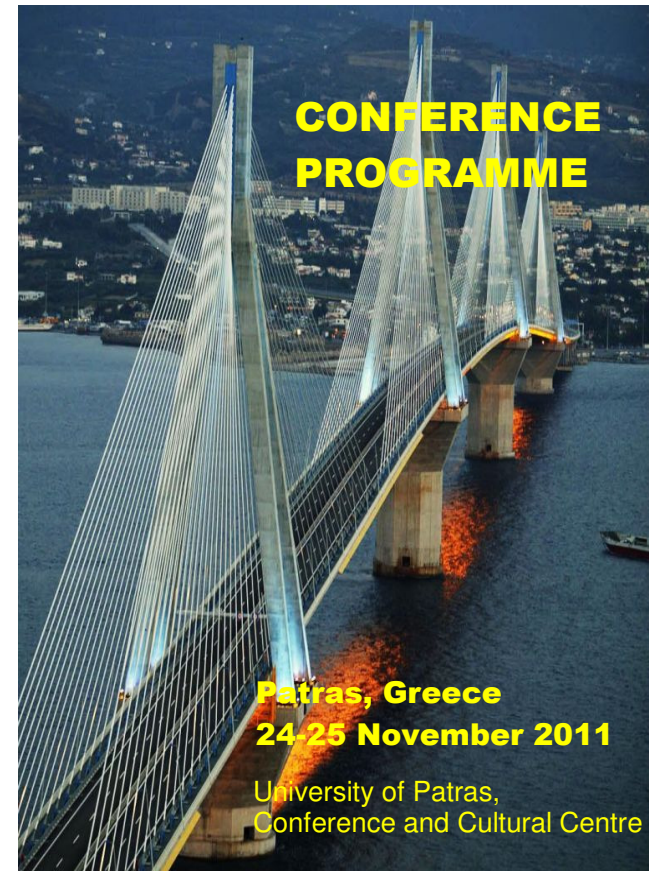
University of Patras



Earthquake Planning
and Protection Organization



Gefyra SA



First EUCET Association Conference

New Trends and Challenges in Civil Engineering Education



Department of Civil Engineering
University of Patras, Greece



EUCET Association