

# PROGRAMME

## Wednesday, November 23<sup>rd</sup>

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

## Thursday, November 24<sup>th</sup>

**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**

*(13:50-14:50 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 25<sup>th</sup>

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. Manchado 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 **4<sup>th</sup> EUCET Association General Assembly**

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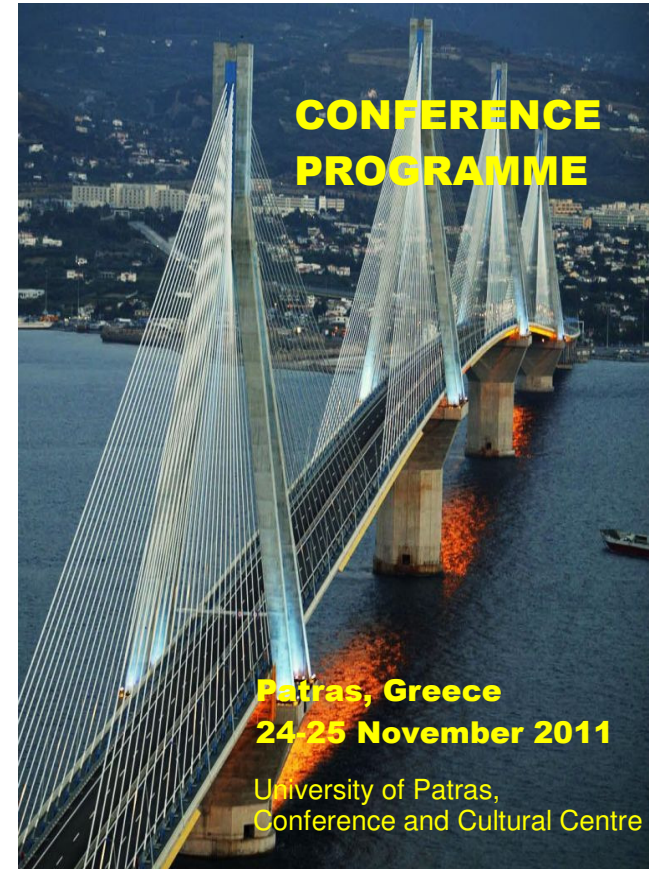
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**New Trends and Challenges in  
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