

Joint Conference of EUCEET and AECEF, Autumn 2023

**FINAL PROGRAM**

**2<sup>nd</sup> joint International Conference of EUCEET and AECEF**

**2J/23 EUCEET+AECEF**

**CONFERENCE WEBSITE**

**[www.euceetaecef2023.unipi.it](http://www.euceetaecef2023.unipi.it)**

**19-20 October 2023**

**PISA – Le Benedettine – University of Pisa Congress Centre**



**<The role of interactive teaching/learning approaches in the development of soft skills for Civil Engineering Education>**

Organized by:

**University of Pisa**

**Dept. of Energy Engineering, Systems, Territory and Constructions**

**[www.unipi.it](http://www.unipi.it)**

Under the auspices of:

**EUCEET - European Civil Engineering Education and Training Association**

**[www.euceet.eu](http://www.euceet.eu)**

**AECEF - The Association of European Civil Engineering Faculties**

**[www.aecef.net](http://www.aecef.net)**



**Thursday 19 October (morning)**

- 8.30-9.00 Participants Registration  
9.00-9.30 Opening and welcome notes

**Morning Session (Room 1)**

Chaired by: Prof. Alfredo SOEIRO (University of Porto, Porto, Portugal) and Prof. Nicolaos THEODOSSIOU (Aristotle University, Thessaloniki, Greece)

Keynote Lectures - The time slots include: speaker's presentation (45 min.) and Q/A (15 min.)

- 9.30-10.30 Keynote lecture: "On the Challenge of Teaching Building Performance Simulation to Beginners: sharing experiences from Lund University", Prof. Niko GENTILE (Lund University, Lund, Sweden)  
10.30-11.00 Coffee break  
11.00-12.00 Keynote lecture: "Soft skills and competences as the key requirements for success in engineering profession", Prof. Roode LIAS (Tallinn University of Technology, Tallinn, Estonia)

Paper presentations - The time slots include: author's presentation (15 min.) and Q/A (5 min.)

- 12.00-12.20 "Use of augmented reality tools in bridge engineering courses", authors: F. Lozano-Galant, R. Porras, B. Mobaraki, F. Calderon, J. Gonzalez-Arteaga, J. Turmo, J.A. Lozano-Galant  
12.20-12.40 "The evolution of software to support parametric design and their educational potential", author: M. Martino  
12.40-13.00 "Civil engineering education to generation Z - construction information technology engineering MSc program at BME", author: T. Lovas  
13.00-13.20 "Sharing of knowledge between professionals and students by field measurement campaigns: examples from the lighting and acoustics laboratory of the University of Pisa", authors: P. Croce, P. Pulella  
13.30-14.30 Lunch



**Thursday 19 October (afternoon)**

**Afternoon Session (Room 1)**

Chaired by: Prof. José TURMO (UPC Barcelona Tech, Barcelona, Spain) and Prof. Diego LO PRESTI (University of Pisa, Pisa, Italy)

Keynote Lectures - The time slots include: speaker's presentation (45 min.) and Q/A (15 min.)

- 14.30-15.30 Keynote lecture: "A time to think: teaching Structural Typology ", Prof. Juan José Jorquera-Lucerga (Universidad Politécnica de Cartagena, Cartagena, Spain)
- 15.30-16.30 Keynote lecture: "On the new Civil Engineering program at Charles Sturt University", Prof. Euan LINDSAY (Aalborg University, Aalborg, Denmark / Charles Sturt University, Bathurst, Australia)
- 16.30-17.00 EUCEET Educational award 2023
- 17.00-17:30 Tea break

Paper presentations - The time slots include: author's presentation (15 min.) and Q/A (5 min.)

- 17.30-17.50 "Interactive teaching and learning for civil engineering environmental education", author: N. Theodossiou
- 17.50-18.10 "Project based learning – experience of civil engineers education at the faculty of civil engineering of the Wrocław University of Science and Technology", authors: P. Berkowski, A. Batog
- 18.10-18.30 "Ethics in the built environment and anti-bribery management systems", author: C. Ahrens
- 18.30-18.50 "The use of smartphone for light measurements: results of an experience with university engineering students", authors: M. Rocca, M. Bonomolo
- 20.00 Conference Gala Dinner



**Friday 20 October (morning)**

8.30-9.30 Participants Registration

**Morning Session (Room 1)**

Chaired by: Prof. Šarūnas SKUODIS (Vilnius Tech University, Vilnius, Lithuania) and Prof. Massimiliano MARTINO (University of Pisa, Pisa, Italy)

Keynote Lectures - The time slots include: speaker's presentation (45 min.) and Q/A (15 min.)

9.30-10.30 Keynote lecture: "The Importance of Developing and Validating the Hidden Credentials of Engineers", Dr. Dirk BOCHAR (Engineers Europe, Brussels, Belgium)

10.30-11.00 Coffee break

11.00-12:00 Keynote lecture: "The role of Artificial Intelligence in Engineer Education and Training", Prof. Filippo CHIARELLO (University of Pisa, Pisa, Italy)

Paper presentations - The time slots include: author's presentation (15 min.) and Q/A (5 min.)

12.00-12.20 "Testing an experiential learning approach to building performance simulations", authors: J. Kanters, N. Gentile, R. Bernardo, H. Davidsson

12.20-12.40 "The effect of classrooms' layout on perceived comfort: differences between the Italian and French cases", authors: G. Lamberti, A. Kindinis

12.40-13.00 "Traditional, new and innovative teaching methods: an experience of Sapienza University", authors: F. Bisegna, C. Burattini, L. Pompei

13.00-13.20 "Interdisciplinary and multilevel teaching experiences for the improvement of civil and building engineers education: the case of "Edifici" project at University of Pisa", authors: F. Leccese, G. Salvadori

13.20-13.40 Conference Closing

13.40-14.30 Lunch

**Friday 20 October (afternoon)**

15.00-17.00 EUCEET General Assembly (Room 2)

15.00-17.00 AECEF General Assembly (Room 3)