



**ACADEMY OF SCIENCES
Engineering Committee**

Programme

Eurocodes and the Structural Safety of Construction Works

Workshop/Scientific Forum

“Aleks Buda” Hall, 19 December 2022, 09.00

- 09.00 – 09.30 Registration of participants
- 09.30 – 09.45 **Welcoming Speech by the President of the Academy of Sciences, Acad. Skënder Gjinushi**
- 09.45 – 10.00 Overview of the progress on the Reconstruction Process in Albania after the 2019 Earthquake
Representative from the Ministry of Infrastructure and Energy

Part I

The experience with the Earthquakes of 2019 in Albania and 2020 in Croatia

Moderators: Acad. Neki Frashëri, Prof. Giorgos Belokas

- 10.00 – 10.20 Performance of Masonry Buildings in Recent Albanian Earthquakes.
Hüseyin Bilgin- Epoka University of Tirana, Albania
- 10.20 – 10.40 The Some aspects of genetic relations and effects of September 21 and November 26, 2019 earthquakes.
Rrapo Ormeni-Polytechnic University of Tirana, Albania
- 10.40 – 11.00 Seismic codes procedures and damaged buildings retrofitting process.
Markel Baballëku-Polytechnic University of Tirana, Albania
- 11.00 – 11.20 Damage assessment and determination of mechanical properties of masonry buildings after an earthquake in Croatia 2020.
Mislav Stepinac-University of Zagreb, Croatia
- 11.20 – 11.40 Development and Codification of Earthquake Resistant Design for territory of Kosova.
Florim Grajçevci-University of Prishtina “Hasan Prishtina”, Kosovo
- 11.40 – 12.00 Seismic Inspection and Retrofit of Albanian Historical Heritage.
Emre Cecen-Universiteti Metropolitan Tirana, Albania
- 12.00 – 13.00 Short Break**

Part II

Eurocodes and their implementation, Safety of Construction Works.

Moderators: Acad. Jorgaq Kacani, Prof. Hüseyin Bilgin

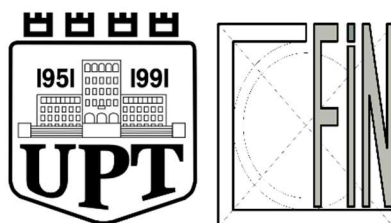
- 13.00 – 13.20 Deep Foundation Design by calculations and role of loading tests: A simple comparison between Albanian Practice of Design and Eurocode 7 based Design.
Neritan Shkodrani-Polytechnic University of Tirana, Albania
- 13.20 – 13.40 “EC7 Pile Bearing Capacity Analysis: A comparison of design and national approaches”.
Giorgos Belokas-University of West Attica, Greece
- 13.40 – 14.00 The current state of implementation of Eurocodes in North Macedonia.
Isak Idrizi-University Mother Teresa, North Macedonia
- 14.00 – 14.20 Eurocodes and aspects of their adoption in Albania.
Niko Pojani- Polytechnic University of Tirana, Albania
- 14.20 – 14.40 Building Materials used in Construction and testing according the EN.
Naser Kabashi-University of Prishtina “Hasan Prishtina”, Kosovo
- 14.40 – 15.00 Geological study and safety of construction works: Albanian Practice and the need for improvement.
Shkelqim Daja-Polytechnic University of Tirana, Albania
- 15.00 – 16.00 Discussions, Comments, Proposals and Closure of the Workshop**
(Meeting with discussions, comments, proposals for the future of academia, the government and society)

Workshop Organizers

*Academy of Science
of Albania*



*Polytechnic University of Tirana
Faculty of Civil Engineering*



*Metropolitan University
of Tirana*

