

TOPICS

I. Geotechnical investigation and ground modelling

- I.1. Site investigation
- I.2. Laboratory testing
- I.3. Experimental and numerical modelling
- I.4. Geotechnical parameters

II. Geotechnical design

- II.1. Eurocodes
- II.2. Geotechnical structures
- II.3. Ground improvement
- II.4. Ground reinforcement / geosynthetics
- II.5. Infrastructure works
- II.6. Rehabilitation of geotechnical structures

III. Geo-hazards

- III.1. Landslides
- III.2. Seismic geotechnical engineering and soil dynamics
- III.3. Risk management

IV. Environmental geotechnics, hydrogeology and energy

- IV.1. Environmental geotechnics
- IV.2. Hydrogeology
- IV.3. Energy geotechnics

V. Information technology in Geotechnical Engineering

- V.1. Building Information Modelling (BIM) in Geotechnical Engineering
- V.2. Application of Artificial Intelligence (AI) and Machine Learning (ML) in Geotechnical Engineering
- V.3. New geotechnical instrumentation, sensors and sensing technologies
- V.4. Big data and databases in geotechnical engineering
- V.5. Imaging technologies in geotechnical engineering

TECHNICAL EXHIBITION

17DECGE will also include a technical exhibition for national and international companies activating in the field, an opportunity for them to present their products, accomplishments, or technologies and for the participants to find out news and to extend the cooperation.

The exhibition space made available by Ramada Parc is a generous one, being located in the conference hall and allowing mobility for exhibitors and visitors, as well as socialising possibilities.

PROVISIONAL SCHEDULE

	Day 1, Wednesday, 7.06.2023	Day 2, Thursday, 8.06.2023	Day 3, Friday, 9.06.2023	Day 4, Saturday, 10.06.2023
8:00 - 9:00		8:00 - 9:00 Registration and welcome coffee	8:00 - 9:00 Registration	Technical visit
9:00 - 10:00		9:00 - 10:00 Opening Terra Grand Ballroom		
10:00 - 11:00			9:00 - 12:30 Plenary session 4 Terra Grand Ballroom	
11:00 - 12:00		10:00 - 12:30 Plenary session 1 Terra Grand Ballroom	10:45 - 11:00 Coffee break	
12:00 - 13:00				
13:00 - 14:00		12:30 - 14:00 Lunch @Ramada Parc	12:30 - 14:00 Lunch @ Ramada Parc	
14:00 - 15:00		14:00 - 16:00 Plenary session 2 Terra Grand Ballroom	14:00 - 16:00 Parallel session 1 Terra 1 room	
15:00 - 16:00			14:00 - 16:00 Parallel session 2 Terra 2 room	
16:00 - 17:00		16:00 - 16:30 Coffee break	16:00 - 16:30 Coffee break	
17:00 - 18:00	17:00 - 19:00 Meeting representatives of Danube and European societies	16:30 - 18:30 Plenary session 3 Terra Grand Ballroom	16:30 - 18:30 Parallel session 4 Terra 1 room	
18:00 - 19:00	Registration		16:30 - 18:30 Parallel session 5 Terra 2 room	
19:00 - 20:00			16:30 - 18:30 Parallel session 6 Terra 3 room	
20:00 - 21:00	20:00 - 22:00 Welcome Reception @ Ramada La Parc Restaurant		18:00 - 18:30 Closing	
21:00 - 22:00		Gala dinner @ Ramada La Parc & Jasmine restaurants		
22:00 - 23:00				

TECHNICAL VISITS

Technical visits will be organised on Saturday, 10.06.2023 and details will be provided soon – please check the website for updates.

REGISTRATION, FEES

	Early bird 15.02 – 31.03.2023 ³	Regular
ISSMGE Members ¹	450 Euro	540 Euro
Non-ISSMGE members	500 Euro	600 Euro
Students ²	225 Euro	225 Euro
Gala dinner 8.06.2023	100 Euro	100 Euro

¹ membership confirmed by national society • ² proven by attestation of the university; less than 35 years at the moment of the conference • ³ paid in full until 31.03.2023
Rates are not subject to VAT. The Conference Registration Fee includes: Admission to all technical sessions and exhibition • Delegate bag including conference material and digital proceedings • Lunch and coffee breaks throughout the conference • Welcome Reception on 7.06.2023. The printed proceedings can be ordered separately at a rate that will be announced. The conditions for technical visits organised on 10.06.2023 will be announced later. Registration procedure can be found on the website: <https://17decge.ro/registration/>.

LOCATION

Conference will be hosted by the Convention Centre of Ramada Parc Hotel, in the Northern part of Bucharest (Poligrafiei Str. 3-5, Sector 1, Bucharest) (<https://ramadabucharestparc.ro/corporate-events/>)

The Convention Centre provides numerous facilities for such events, including Terra Grand Ballroom with a capacity of max. 400 people and the possibility of splitting it in several smaller session rooms, where the conference will take place. Also, the venue offers a generous space for the technical exhibition and coffee breaks. Lunch will be served in one of the hotel's restaurants with seated places.

On June, 7th 2023 a welcome garden party on the premises of Ramada Hotel will be offered to all attendees.

A gala dinner will be hosted also by Ramada Parc Hotel @Restaurants La Parc & Jasmine on June, 8th

Ramada Parc Hotel offers also accommodation for the attendees (<https://ramadabucharestparc.ro/rooms/>), including access to vitality club (indoor pool, spa, fitness etc.). We can assist you with recommended accommodation or other services – please contact us at srgf@utcb.ro.

<https://17decge.ro/> Contact: srgf@utcb.ro



EUROPEAN GEOTECHNICAL ENGINEERING UNITY AND DIVERSITY

Invitation



7 – 10.06.2023 Bucharest, Ramada Parc

17decge.ro

srgf@utcb.ro • loretta.batali@utcb.ro

2nd BULLETIN 17DECGE

The 17th edition of DECCE will be held in Bucharest, 7 – 10.06.2023, at Ramada Parc hotel, under the auspices of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE), being organized by the Romanian Society for Soil Mechanics and Foundation Engineering (SRGF) and the main technical universities involved in this field in Romania. The Conference has as motto: **"European Geotechnical Engineering - Unity and diversity"**.

The general objectives of **17DECCE** are to disseminate the knowledge and the national practices toward all stakeholders in the field, to approach both research and practical topics, but also trans-disciplinary ones and to ensure a forum of discussion for all.

17DECCE proposes interesting and diverse topics under the general theme of the conference, plenary and discussion sessions, as well as a technical exhibition.

17DECCE will be joined with the 2nd National Symposium on Environmental Geotechnics, now with international attendance, to emphasize the importance of this topic at present.

17DECCE will benefit from a group of renowned keynote lecturers, an international advisory board and an international scientific committee with members from the Danube countries.

All details can be found on the website: <https://17decge.ro/>

We look forward to welcome you in Bucharest in June 2023.

*Prof. Loretta Batali
Chair of 17DECCE Conference
President SRGF*

ORGANISERS

The 17th edition of the Danube – European Conference on Geotechnical Engineering is organised by the Romanian Society for Soil Mechanics and Foundation Engineering (SRGF), with the support of the main technical universities in the field: Technical University of Civil Engineering Bucharest (UTCB), Technical University „Gheorghe Asachi” Iași, Technical University of Cluj-Napoca and University „Politehnica” Timișoara.



COMMITTEES

Conference chair – Prof. Loretta Batali - President SRGF, Technical University of Civil Engineering Bucharest

Honorary Conference chair – Prof. em. Sanda Manea - Honorary President SRGF, Technical University of Civil Engineering Bucharest

International advisory board – list in progress

Dr. Marc Ballouz – ISSMGE President

Prof. Lyesse Laloui – ISSMGE Vice-President Europe

Prof. Mario Manassero – immediate past Vice-President ISSMGE Europe

Prof. Helmut Schweiger – University of Technology, Graz

Prof. Dietmar Adam – TU Wien

Prof. Milorad Jovanovski – Ss. Cyril and Methodius University Skopje, chairman of 16DECCE

Prof. Andrea Dominijanni – Politecnico Torino, chairman TC 215 ISSMGE

Scientific committee

Scientific committee chair – Prof. Irina Lungu - Vice-President SRGF, Technical University “Gheorghe Asachi” Iași

Scientific committee vice-chair – Assoc. prof. Nicoleta Ilieș - Vice-President SRGF, Technical University of Cluj-Napoca

International Members: list in progress

Prof. Mirjana Vukicevic – University of Belgrade, Serbia

Prof. Katarzyna Zabielska-Adamska - Białystok University of Technology, Poland

Prof. Sonia Zlatovici – Zagreb Polytechnic, Croatia

Prof. Roman Marte - Graz University of Technology, Austria

Prof. Ivo Herle – Technical University Dresden, Germany

Prof. Özer Çinicioğlu Boğaziçi University, Turkey

Prof. Mato Uljarević, University of Banja-Luka, Bosnia and Herzegovina

Assoc. Prof. Andrei Totsev – University of Architecture, Civil engineering and Geodesy, Bulgaria

Assist. Prof. Erion Bukaci – Universiteti Politeknik i Tiranës, Albania

Assist. Prof. Jovan Papic – Ss. Cyril and Methodius University Skopje, North Macedonia

Assoc. Prof. Edina KOCH – Széchenyi István University, Győr, Hungary

National Members:

Prof. Horatiu Popa - Technical University of Civil Engineering Bucharest

Prof. Nicolae Boțu - Technical University “Gheorghe Asachi” Iași

Prof. em. Augustin Popa - Technical University of Cluj-Napoca

Prof. Marin Marin – Politehnica University Timișoara

Prof. em. dnc. Anghel Stanciu - Technical University “Gheorghe Asachi” Iași

Prof. em. Vasile Mușat - Technical University “Gheorghe Asachi” Iași

Prof. Vasile Grecu - Technical University “Gheorghe Asachi” Iași

Assoc. prof. Ernest Olinic - Technical University of Civil Engineering Bucharest

Assoc. prof. Cristian Arion - Technical University of Civil Engineering Bucharest

Assoc. prof. Vasile Fărcaș - Technical University of Cluj-Napoca

Assoc. prof. Anuța Rotaru - Technical University “Gheorghe Asachi” Iași

Assoc. prof. Ana Nicuță - Technical University “Gheorghe Asachi” Iași

Assoc. prof. Dorel Platică - Technical University “Gheorghe Asachi” Iași

Lecturer Mircea Aniculăeși - Technical University “Gheorghe Asachi” Iași

Lecturer Oana Elena Colț - Technical University “Gheorghe Asachi” Iași

Lecturer Iulia Prodan - Technical University of Cluj-Napoca

Lecturer Olimpiu Mureșan - Technical University of Cluj-Napoca

Dr. Mircea Galer – Geostruct Expert Bucharest

Eng. Dragoș Marcu – Popp & Assoc. Inginerie Geotehnică Bucharest

Organising committee

Organising committee chair – Eng. Alexandra Ene - Secretary SRGF, Popp& Assoc. Inginerie Geotehnică Bucharest

Organising committee vice-chair - Prof. Adrian Ciutina - Vice-President SRGF - Politehnica University Timișoara

Organising committee vice-chair - Eng. Lóránd Sata - Vice-President SRGF, SBR – Soletanche Bachy Fundații Romania, Bucharest

Members:

Assoc. prof. Andrei Olteanu - Technical University of Civil Engineering Bucharest

Lecturer Stefan Ardelean - Technical University of Civil Engineering Bucharest

Lecturer Ioan Boji - Technical University of Civil Engineering Bucharest

Lecturer Monica Mirea - Politehnica University Timișoara

Lecturer Alexandra Ciopec - Politehnica University Timișoara

Lecturer Oana Colț - Technical University “Gheorghe Asachi” Iași

Lecturer Florin Bejan - Technical University “Gheorghe Asachi” Iași

Lecturer Dana Madalina Pohrib - Technical University “Gheorghe Asachi” Iași

Dr. George Tsitsas – GT Ground Engineering & Construction Services Bucharest

Dr. Dan Carastoian – Proexrom Iași

Dr. Dumitrica Stefanache – Progecon Iași

Eng. Traian Ghibuș - Technical University of Civil Engineering Bucharest

Eng. Dan Iancu – DI&A Design Consulting, Bucharest

Eng. Florin Damian - Geofor Tehnic Iași

Eng. Ionela Ionescu – Popp & Assoc. Inginerie Geotehnică Bucharest

Eng. Denisa Paica - Technical University of Cluj-Napoca

Eng. Alexandru Măgureanu - SBR – Soletanche Bachy Fundații Romania, Bucharest

Eng. Adrian Centea – Cenconstruct Timișoara

KEYNOTE SPEAKERS

Dr Marc Ballouz – President ISSMGE, Texas State University, USA

Prof. Lyesse Laloui - Vice-president Europe ISSMGE, EPFL, Switzerland

Prof. Mario Manassero - Past Vice-president Europe ISSMGE, Politecnico Torino, Italy

Prof. Ivan Vanicek - Past Vice-president Europe ISSMGE, Czech Technical University in Prague, Czech Republic

Prof. Abdelmalek Bouazza - 3rd R.K. Rowe lecturer, Monash University, Australia

Prof. Dietmar Adam - TU Vienna, Austria

Eng. Adriaan van Seters - Chairman CEN TC 250/SC7, Fugro, The Netherlands

Details about the keynote speakers are available on the website:

<https://17decge.ro/about-the-conference/#keynote-speakers>

SPONSORS

Interested companies are invited to become partners or sponsors of 17DECCE by consulting the pre-configured sponsorship packages visible on the website <https://17decge.ro/sponsorship/#packages> or by contacting us for establishing a tailor-made package. Until now several companies joined us and they are promoted on the website <https://17decge.ro/sponsorship/#partners-and-sponsors>:

