TOPICS

- **Geotechnical investigation and ground modelling**
  - I.1. Site investigation
  - I.2. Laboratory testing
  - I.3. Experimental and numerical modelling
  - I.4. Geotechnical parameters
- **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
- **Geo-hazards**
  - III.1. Landslides
  - III.2. Seismic geotechnical engineering and soil dynamics
  - III.3. Risk management
- **Environmental geotechnics, hydrogeology and energy**
  - IV.1. Environmental geotechnics
  - IV.2. Hydrogeology
  - IV.3. Energy geotechnics
- **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

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	9:00 - 12:30 Plenary session 4 Terra Grand Ballroom 10:45 - 11:00 coffee break			
10:00 - 11:00		10:00 - 12:30 Plenary session 1 Terra Grand Ballroom				
11:00 -12:00						
12:00 - 13:00		12:30 - 14:00 Lunch@Ramada Parc	12:30 - 14:00 Lunch@ Ramada Parc			
13:00 - 14:00						
14:00 - 15:00		14:00 - 16:00 Plenary session 2 Terra Grand Ballroom	14:00 - 16:00 Parallel session 1 Terra 1 room	14:00 - 16:00 Parallel session 2 Terra 2 room	14:00 - 16:00 Parallel session 3 Terra 3 room	
15:00 - 16:00		16:00 - 16:30 Coffee break	16:00 - 16:30 Coffee break			
16:00 - 17:00		16:30 - 18:30 Plenary session 3 Terra Grand Ballroom	16:30 - 18:30 Parallel session 4 Terra 1 room	16:30 - 18:30 Parallel session 5 Terra 2 room	16:30 - 18:30 Parallel session 6 Terra 3 room	
17:00 - 18:00	17:00 - 19:00 Registration					
18:00 - 19:00			18:00 - 18:30 Closing			
19:00 - 20:00	19:00 - 22:00 Welcome Reception @ Ramada La Parc Restaurant					
20:00 - 21:00		Gala dinner@ Ramada La Parc & Jasmine restaurants	Possible organized dinner depending on requests			
21:00 - 22:00						
22:00 - 23:00						

TECHNICAL EXHIBITION, SPONSORS

17DECGE will also include a technical exhibition for the 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.
Interested companies are invited to become partners or sponsors of 17DECGE by consulting the pre-configured sponsorship packages visible on the website or by contacting us for establishing a tailor-made package. Discounts are applied for early-bird payments and for SRGF corporate members.

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 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.).

Contact: srgf@utcb.ro · loretta.batali@utcb.ro

https://17decge.ro/

ROMANIAN SOCIETY FOR GEOTECHNICAL ENGINEERING AND FOUNDATIONS

INTERNATIONAL SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING

EUROPEAN GEOTECHNICAL ENGINEERING

UNITY AND DIVERSITY

Invitation

7 - 9.06.2023

DANUBE - EUROPEAN CONFERENCE ON GEOTECHNICAL ENGINEERING

17DECGE

BUCHAREST

7 – 10.06.2023 Bucharest, Ramada Parc

17decge.ro

srgf@utcb.ro · loretta.batali@utcb.ro

1st BULLETIN 17DECGE

The 17th edition of DECGE 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 **17DECGE** 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.
17DECGE proposes interesting and diverse topics under the general theme of the conference, plenary and discussion sessions, as well as a technical exhibition.
17DECGE will be joined with the 2nd National Symposium on Environmental Geotechnics, now with international attendance, to emphasize the importance of this topic at present. The 1st edition was held in Bucharest in June 2018, benefitting of the presence of the then vice-president for Europe of ISSMGE, Prof. Mario Manassero, who delivered the R.K. Rowe lecture.
17DECGE will benefit from an international advisory board and an international scientific committee with members from the Danube countries.
We look forward to welcoming you in Bucharest in June 2023.

Prof. Loretta Batali
Chair of 17DECGE 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" Iaşi, Technical University of Cluj-Napoca and University „Politehnica" Timişoara.

SOCIETATEA ROMÂNĂ DE GEOTEHNICĂ ŞI FUNDAŢII

INTERNATIONAL SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING

Universitatea Tehnică de Construcţii Bucureşti

Technical University "Gh. Asachi" Iaşi

Technical University of Cluj-Napoca

Polytechnic University of Timişoara

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Assoc. prof. Dorel Platică - Technical University "Gheorghe Asachi" Iaşi

- cont. -

Lecturer Mircea Aniculăesi - Technical University "Gheorghe Asachi" Iaşi
Lecturer Oana Elena Colţ - Technical University "Gheorghe Asachi" Iaşi
Lecturer Iulia Prodan - Technical University of Cluj-Napoca
Lecturer Olimpiu Mureşan - Technical University of Cluj-Napoca
Dr. Mircea Galer – Geostruct Expert Bucharest
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CALL FOR PAPERS

Key dates:
Abstract submission: 15 June - 31 August 2022
Abstract acceptance: 30 September 2022
Full paper submission: 30 November 2022
Final paper acceptance: 28 February 2023

See the website **17decge.ro** for more information.