

9 September 2022

Registration fees

- ▶ RockEnGeo.be members : 95 €
- ▶ Non-members : 125€



Registration fees have to be paid on the bank account of RockEnGeo.be :

IBAN : BE56 0018 9888 0888 BIC : GEBABEBB

with the communication « Jubilee + name of the participant »

Deadline : 1 September 2022

Please note that registration is limited to 120 participants.

Contact

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Access

Place de l'Atomium 1

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Société Belge de Géologie de l'Ingénieur et de Mécanique des Roches
RockEnGeo.be asbl

53 rue du Jonquois , 7000 Mons

BCE: 0751.743.268 RPM tribunal de Mons

50 years of Engineering Geology and Rock Mechanics in Belgium

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With the participation of representatives of the International Society for Rock Mechanics (ISRM)
and the International Association for Engineering Geology and the Environment (IAEG)



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9:00 Welcome

9:40 CBGI, GBMR, SBGIMR, a 50 years long story (P. Welter & JF. Thimus)

Theme 1 : General scientific framework

10:00 About the evolution of approaches to characterize rock materials (JP. Tshibangu)

10:20 Numerical simulations and couplings (R. Charlier)

10:40 Monitoring 4.0 for a better future (JF. Vanden Berghe)



Prof. Wulf Schubert

Graz University of Technology
Institute of Rock Mechanics and Tunnelling

Consultant on international projects as a partner of 3G - Gruppe
Geotechnik Graz Consulting Engineers

Vice President at Large for the ISRM (1999-2003)

President of the Austrian Society for Geomechanics since 2007



Prof. Rafiq Azzam

Head of Department of Engineering Geology firstly at the TU Bergakademie Freiberg and then at RWTH Aachen University (1993-2017)

Since 2017, professor emeritus, from the RWTH Aachen University

President of the German National Association of Engineering Geology
(2009-2017)

Vice President for western Europa of the IAEG (2015-2018)

President of the IAEG (2018-2022)

Theme 2 : Major urban projects

11:20 ISRM, an introduction (W. Schubert)

Rock engineering issues of tunnels boring and/or digging (W. Schubert)

11:50 Construction of the new subway infrastructure 'Constitution' in Brussels (JM. Couvreur)

12:10 The challenges of the construction of an underground infrastructure in an urban context: the case of the project Metro Nord – Extension of the Metro Line M3 (M. Meyer)

12:30 Lunch



Registration fees include the possibility to visit the famous Atomium during lunch time. Scan the QR-code for preparing your visit !

Theme 3 : Risks and underground workings

14:30 IAEG, an introduction (R. Azzam)

Method to Substitute Threshold Criterion of Monitoring and Early Warning in Geotechnical Constructions (R. Azzam)

15:00 Risks related to underground cavities: methodologies and applications in the French post-mining context (J. Morel)

15:20 Guidelines for land planning management hampered by underground cavities hazard: new prospective for Wallonia (D. Pacyna & A. Kheffi)

15:40 Impact of past underground mining on surface movement (A. Vervoort)

16:00 The "Coo III" project: Rock mechanics aspects for the technical prefeasibility of the extension of the Coo Pumped Storage Plant (PSP) (A. Gauffriau, S. Godart, B. Hoffer)

16:20 Calembert Award (C. Schroeder)

16:40 Issues and perspectives for engineering geology and rock mechanics (F. Descamps)

16:50 Drink