Thursday, November 12th // Četvrtak, 12. studenog || @ Radisson Blu Resort & Spa

13:00 - 14:00	Registration with welcome cocktail // *Registracija uz koktel dobrodošlice*	@ Hotel terrace*

21ST NONVEILLER LECTURE // 21. *NONVEILLER PREDAVANJE:*

14:00 - 16:00	**LYESSE LALOUI** Advances in numerical design and analysis of underground nuclear waste repositories	@ Ballroom
16:00 - 16:30	Coffee break // *Pauza za kavu*	@ Ballroom foyer
16:30 - 18:00	**Skupština HGD-a // *Assembly of CGS***	@ Ballroom
19:00 - 22:00	Dinner // *Večera*	@ Fig Leaf
22:00	Networking with music (drinks are not included in the registration fee) // Druženje uz glazbu (piće nije u cijeni kotizacije)	@Day & Night Bar Kauri

* in case of the unfavourable weather, the reception will be held in Ballroom foyer

Friday, November 13th // Petak, 13. studenog || @ Radisson Blu Resort & Spa

08:00 - 10:00	Registration // *Registracija*	@ Ballroom foyer
09:00 - 10:00	Conference opening // *Otvaranje savjetovanja*	

KEYNOTE LECTURES // *POZVANA PREDAVANJA:*

10:00 - 10:30	**PREDRAG MIŠČEVIĆ** The problem of slope stability in soft rocks using the example of flysch from the Split area	@ Ballroom
10:30 - 11:00	**ŽELJKO ARBANAS** Landslide triggering mechanism in flysch deposits in the Rječina river valley, Croatia	
11:00 - 11:30	Coffee break // *Pauza za kavu*	@ Ballroom foyer
11:30 - 12:15	**VASSILIS P. MARINOS** From classification to engineering performance: incorporating the behaviour of soft rocks and heterogeneous rock masses into geotechnical design and construction	@ Ballroom

PAPER PRESENTATIONS // *PREZENTACIJE RADOVA:*
PROPERTIES AND ENGINEERING BEHAVIOUR OF SOFT ROCKS AND SOILS //
SVOJSTVA I INŽENJERSKO PONAŠANJE MEKIH STIJENA I TLA

12:15 - 12:30	**EMESE VANDA ZSÓTÉR,** BÉLA MIHÁLYI, BENDEGÚZ PAPP, KATALIN GYÜRKY, BALÁZS VÁSÁRHELYI Investigation of the mechanical properties of frozen soils	
12:30 - 12:45	**MIRELA BUREČIĆ ŠAFRAN,** MATÍAS R. DONOSO MENDIETA, BILJANA KOVAČEVIĆ ZELIĆ, KRUNOSLAV MINAŽEK, IGOR SOKOLIĆ Shear strength behaviour of densified loess soil	
12:45 - 13:00	**NEIRA MUŠIĆ,** SANJA DUGONJIĆ JOVANČEVIĆ, MARTINA VIVODA PRODAN, JOSIP PERANIĆ Experimental Assessment of Marls Characteristics under Variable Wetting Conditions	
13:00 - 14:30	Lunch // *Ručak*	@ Fig Leaf

PAPER PRESENTATIONS // *PREZENTACIJE RADOVA:*
SLOPE STABILITY, LANDSLIDES, EROSION AND ROCKFALL PROTECTION //
STABILNOST KOSINA, KLIZIŠTA, EROZIJA I ZAŠTITA OD ODRONA

14:30 - 14:45	**IVAN MIHALJEVIĆ,** BOJAN NINČEVIĆ Protection of Cut Slopes in Weathered Rock Masses Based on a Motorway Construction Case in North Macedonia – Engineering Approach	
14:45 - 15:00	**NINOSLAV TOMLJANOVIĆ,** KRUNOSLAV MINAŽEK, JELENA TRAJBER Loess instabilities in Eastern Croatia	@ Ballroom
15:00 - 15:15	**LUKA SORIĆ,** TOMISLAV ŠIŠA, SUNČICA ŽELJEM Landslide stabilization on Pantovčak Street, from the entrance to the Presidential Palace to Zelengaj Street	
15:15 - 15:30	**KORADO BERTETIĆ, LASZLO PODOLSZKI,** MATKO PATEKAR, IVAN KOSOVIĆ, TOMISLAV NOVOSEL, JURE OFAK, TAMARA KOVAČIĆ, KOSTA URUMOVIĆ, JOSIP TERZIĆ Hum na Sutli landslide rainfall data insights, Croatia	
15:30 - 15:45	**MARKO BORIČEVIĆ,** VJEKOSLAV BUDIMIR, ROBERTO LUIS-FONSECA, NIKOLA TRBOVIĆ Active slope stabilisation and rockfall protection at the location of the Ferry port Merag on Cres Island	
15:45 - 16:15	Coffee break // *Pauza za kavu*	@ Ballroom foyer

POSTER PAPER PRESENTATIONS DURING COFFEE BREAK // *POSTER PREZENTACIJE RADOVA TIJEKOM PAUZE ZA KAVU:*

JOSIP ZORČIĆ, JOSIP PERANIĆ
Estimating Soil-Water Retention from Basic Soil Properties: A Field Validation

KRUNOSLAV MINAŽEK, VANJA STOJKOVIĆ, JOSIP DOMIKOVIĆ, JELENA KALUĐER
Model test of geosyntetic stabilization effect

GORAN VLASTELICA, BOŠKO MILOŠ, PREDRAG MIŠČEVIĆ, DAŠA SALVEZANI
Application of VIS-NIR spectrometry in the durability assessment of soft rocks: the case of marl from the Eocene flysch of Dalmatia

GORAN BALOEVIĆ, MARIO FILIPOVIĆ, PÉTER GÖRÖG, GORAN VLASTELICA, NIKOLA GRGIĆ
Mix design optimization of cement and lime based grouts for the soil strengthening

NEVEN KORAČ, IVAN MIHALJEVIĆ, BOJAN NINČEVIĆ
Methodology for Interpretation of Engineering Geological Data in Soft Rock Conditions for Motorway Construction project in N. Macedonia

JASMIN JUG, LAURA NOVAK, KEMAL EDIP, VESNA PASCUTTINI JURAGA
A multidisciplinary approach to geotechnical soil profiling and assessment of the potential slip surface zone at the St. Florian Chapel site in Zlogonje

Friday, November 13th // Petak, 13. studenog || @ Radisson Blu Resort & Spa

POSTER PAPER PRESENTATIONS DURING COFFEE BREAK // *POSTER PREZENTACIJE RADOVA TIJEKOM PAUZE ZA KAVU:*

JASMIN JUG, KRISTIJAN GRABAR, STJEPAN STRELEC, FILIP DODIGOVIĆ
Challenges in Geotechnical Investigation of Landslides Affecting Historic Buildings – A Case Study of a Road Landslide near the Old School and St. Barbara's Church in Bedekovčina

PARSA ALIZADEH, AMIN HEKMATNEJAD
Influence of Lamellar Fabric Orientation on Strength and Fracture Development in Heterogeneous Granite

MARTINA VIVODA PRODAN, WANG FAWU, ZHANG BO, CAO SHENGZHE, YOU QI, NIKA KAMENAR, SANJA DUGONJIĆ JOVANČEVIĆ, JOSIP PERANIĆ
Behaviour of Rainfall-Induced Landslides: Insights from Laboratory Testing and Numerical Modelling of the Hongchi Landslide, China

KAROLINA BARBIR, BRANKO KORDIĆ, DAŠA SALVEZANI, GORAN VLASTELICA
Engineering geological assessment of erosion processes and potential instabilities of flysch slopes in the Duilovo area (Split, Croatia)

ANTONIA MIRČETA, IVAN VUJIĆ, MARIO BAČIĆ, MEHO SAŠA KOVAČEVIĆ
Rehabilitation Design of an Unstable Cut Slope on the R102 Sunja–Volinja–State Border Railway Line Using Rockfall Protection Barriers

MARKO KAIĆ, BOŽEN ŽIVALJIĆ, IGOR BITUNJAC
Remediation of the stone retaining wall on state road D8 in the Municipality of Podstrana – challenges and technical solutions

ŽELJKO LEBO, KREŠO IVANDIĆ, IVAN DOLIBAŠIĆ, IVAN LEBO
Design and construction of complex retaining structures for excavation support in urban areas

BRIGITTA SIVRIĆ, ANTONIO JAGULJNJAK, IGOR SOKOLIĆ
Calculation and measurement of road embankment settlements in the vicinity of bridge abutments

IGOR SOKOLIĆ, KRUNOSLAV MINAŽEK, DAVORIN PENAVA
Investigations and damage monitoring of the cultural heritage Odescalchi Castle in Ilok

MATIJA LOZIĆ
Development of a Machine Learning Surrogate Model for Large Scale Slope Stability Screening

MIRELA BUREČIĆ ŠAFRAN, BILJANA KOVAČEVIĆ ZELIĆ, ŽELJKO LEBO, IVAN DOLIBAŠIĆ
Stability analysis of tailings dams founded on loess soils

GORAN VLASTELICA, PREDRAG MIŠČEVIĆ, ANTE GLIBOTA, DAŠA SALVEZANI
Time-dependent rockfall and slope stability analysis of abandoned marlstone quarries in Eocene flysch

ANA HRŠAK, IGOR SOKOLIĆ
Deep foundation of marina Hramine's breakwater on Murter

KREŠIMIR BOLANČA, DOMAGOJ ŠAIN
Reconstruction of Hotel Marjan – foundation works and excavation pit protection

DAVORIN ŠINDLER, FILIP VUKIČEVIĆ
Determination of Bulking and Permanent Volume Expansion Factors for Limestone Excavated from a Tunnel

ŽELJKO LEBO, IVAN DOLIBAŠIĆ, MIRELA BUREČIĆ ŠAFRAN, IVAN LEBO
Geotechnical Investigations in the Forensic Analysis of the 2023 Landslide at the Prudinec–Jakuševec Landfill in Zagreb

KREŠO IVANDIĆ, ŽELJKO LEBO, FILIP DODIGOVIĆ, TOMISLAV MARGETA
Emergency erosion protection of the left bank of the Drava River - project case study

PAPER PRESENTATIONS // *PREZENTACIJE RADOVA:*
GEOTECHNICAL INVESTIGATIONS, TESTING AND ENGINEERING GEOLOGICAL MODELS // *GEOTEHNIČKA ISTRAŽIVANJA, ISPITIVANJA I INŽENJERSKO-GEOLOŠKI MODELI*

16:30 - 16:45 @ Ballroom	**MILORAD JOVANOVSKI,** IGOR PESHEVSKI Methodology for extrapolation of Rock Mass Parameters in Weak Schist Rock Masses	16:30 - 16:45 @ Oleandar	**IGOR PETROVIĆ,** SANJA KOVAČ Implementation of CST and LST Finite Elements in FEM_Object: An Object-Oriented C++ FEM Framework
16:45 - 17:00 @ Ballroom	**ANA HRASTOV,** BRANIMIR FARKAŠ, ROKO TOMAŠ Integration of Geotechnical Investigations and a 3D Photogrammetric Model in the Restoration of Nova Bela Castle (Bela I)	16:45 - 17:00 @ Oleandar	**SALTANAT YESSELBAYEV,** PÉTER GÖRÖG Seismic stability of a heterogeneous dolomite rock mass with soft-rock-like degraded zones

PAPER PRESENTATIONS // *PREZENTACIJE RADOVA:*
CONSTRUCTION, MONITORING AND EXPERIENCE FROM GEOTECHNICAL PRACTICE // *IZVEDBA, MONITORING I ISKUSTVA IZ GEOTEHNIČKE PRAKSE*

PAPER PRESENTATIONS // *PREZENTACIJE RADOVA:*
UNDERGROUND STRUCTURES, FOUNDATIONS AND RETAINING STRUCTURES IN CHALLENGING GEOTECHNICAL CONDITIONS // *PODZEMNE GRAĐEVINE, TEMELJENJE I POTPORNE KONSTRUKCIJE U ZAHTJEVNIM GEOTEHNIČKIM UVJETIMA*

17:00 - 17:15 @ Ballroom	**MARKO ŠPERANDA,** STANISLAV KARMINSKI, MARTINA GULIĆ BRUSIĆ, DORA BELOŠEVIĆ Integration of Geotechnical Design and BIM Technology in the Reconstruction Project of the Clinical Hospital Centre Zagreb – Rebro	17:00 - 17:15 @ Oleandar	**STEFAN KORDIĆ,** VOJKAN JOVIČIĆ, ELVIR MUHIĆ, SAŠA GALUF Usability of the NATM approach in bimrocks
17:15 - 17:30 @ Ballroom	**FRANKO BEROVIĆ,** MIRKO GROŠIĆ, VINKO FABRIS, IVICA TUTMAN Construction of rockfall protection systems on the Srđ slope using helicopter transport	17:15 - 17:30 @ Oleandar	**LIANG LI,** YONG LU, FENG ZHANG, CUNXIN FAN Strata Deformation Response to Localized Segmental Joint Leakage in Shield Tunnels within Water-Rich Soft Strata
17:30 - 17:45 @ Ballroom	**DAŠA SALVEZANI,** ANA DUHOVIĆ, VJEKOSLAV BUDIMIR, PETAR ĆURLIN, GORAN VLASTELICA Geotechnical Engineering in Dialogue with Nature and Heritage of Rastoke	17:30 - 17:45 @ Oleandar	**VEDRAN ČAGALJ** Practical Experience: Founding a Structure in a Waste-Filled Quarry
17:45 - 18:00 @ Ballroom	**FILIP ŠANTATIĆ,** JURAJ LOVRENČIĆ Geotechnical approaches to the restoration and stabilisation of foundation systems of cultural heritage buildings after earthquakes	17:45 - 18:00 @ Oleandar	**DAMIR VIDOVIĆ,** MIRKO GROŠIĆ, KREŠIMIR BOLANČA, STANISLAV KARMINSKI Optimization of excavation support solutions through design and construction – Paromlin Zagreb
20:00	Gala dinner // *Svečana večera*		@ Fig Leaf

Saturday, November 14th // Subota, 14. studenog || @ Radisson Blu Resort & Spa

09:00 - 09:30	**KREŠIMIR PETRINJAK, MARKO BUDIĆ** Prezentacija nove geološke karte Marjana // Presentation of the new geologic map of Marjan	@ Oleandar
from // *od* 09:30	Terenski obilazak Marjana, Dioklecijanove palače // *Field excursion to Marjan, Diocletian's Palace*	@ Split
until // *do* 15:00	Lunch // *Ručak*	@ Central Kavana & Restaurant

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Lyesse Laloui
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Swiss Federal Institute of Technology, EPFL

PRESIDENT
International Society for Soil Mechanics and Geotechnical Engineering - ISSMGE

Keynote lectures // *Pozvana predavanja*

Vassilis P. Marinos
ASSOCIATE PROFESSOR
Engineering Geology and Rock Mechanics at the School of Civil Engineering, National Technical University of Athens

PRESIDENT
International Association for Engineering Geology and the Environment

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Split '26
Geotechnical Engineering in Soft Rock & Heterogeneous Rock Masses
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10th Croatian Geotechnical Society Conference

10. savjetovanje Hrvatskog geotehničkog društva

PROGRAMME // PROGRAM

12-14 November 2026 // 12.-14. studenog 2026.



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