

CONFERENCE PROGRAM

DAY 1 (12th OCTOBER)

08:30 – 09:00	Registration for Opening Ceremony Address: Bul. “Dëshmorët e Kombit”, “Mother Tereza” square, nr. 4, Tirana, Albania
09:00 – 10:00	OPENING CEREMONY (UPT MAIN BUILDING) Address: Bul. “Dëshmorët e Kombit”, “Mother Tereza” square, nr. 4, Tirana, Albania
10:00 – 10:30	COFFEE BREAK
10:30 – 11:15	KEYNOTE SPEAKER– Prof. Dr. Diego Lo Presti
11:15 – 12:00	KEYNOTE SPEAKER – Prof. Dr. Giorgio Monti
12:00 – 12:30	Transportation to FIN BUILDING Campus Address: St. “Muhamed Gjolllesha”, nr. 54, Tirana, Albania
12:30 – 13:00	Registration for the Conference Address: St. “Muhamed Gjolllesha”, nr. 54, Tirana, Albania
13:00 – 14:00	LUNCH (MONDIAL HOTEL)
14:00 – 14:45	KEYNOTE SPEAKER – Dr. Martin Wittmaier
14:45 – 15:30	KEYNOTE SPEAKER – Prof. Dr. Mihail Garevski
15:30 – 16:30	SPECIAL SESSION – SEISMIC CPTU
16:30 – 17:00	COFFEE BREAK & POSTER SESSION
17:00 – 18:30	1st, 2ndSESSION
19:30 – 21:30	WELCOME DINNER

DAY 2 (13th OCTOBER) (FIN Building, Address: St. “Muhamed Gjolllesha”, nr. 54, Tirana, Albania)

08:30 – 09:15	KEYNOTE SPEAKER– Prof. Dr. Valter Lucio
09:15 – 10:00	KEYNOTE SPEAKER – Prof. Dr. Naser Kabashi
10.00 – 10.15	COFFEE BREAK
10.15 – 11.00	KEYNOTE SPEAKER– Prof. Dr. Wang Guoxin
11:00 – 11:30	SPECIAL LECTURE – Prof. Dr. Niko Pojani
11:30 – 13:00	SPECIAL SESSION–SEISMIC CPTU–FIELD
13:00 – 14:30	LUNCH (MONDIAL HOTEL)
14:30 – 16:00	3rd, 4th, 5th SESSION
16:00 – 16:30	COFFEE BREAK & POSTER SESSION
16:30 – 18:00	6th, 7th, 8th SESSION
18:00 – 18:30	CONCLUDING REMARKS

DAY 3 (14th OCTOBER)

Social activity, touristic trip to Kruja.

The bus will depart at 09.00, at FIN Building (Address: St. “Muhamed Gjolllesha”, nr. 54, Tirana, Albania)

Keynote speakers

		Author	Title
12 th OCTOBER	10:30 - 11:15	Diego Lo Presti	Use in practice of seismic tests according to Eurocodes
12 th OCTOBER	11:15 - 12:00	Giorgio Monti	Strengthening of RC Buildings with FRP Composites
12 th OCTOBER	14:00 - 14:45	Martin Wittmaier	Biological treatment of organic waste and residual waste for the reduction of greenhouse gas emission
12 th OCTOBER	14:45 - 15:30	Mihail Garevski	Cascade Earthquakes in Central Italy and Their Consequences
13 th OCTOBER	08:30 - 09:15	Valter Lucio	Strengthening with post-installed prestress
13 th OCTOBER	09:15 - 10:00	Naser Kabashi, Cene Krasniqi, Bledian Nela, Vlorian Kaqi	Structural analysis of a concrete element strengthened with FRP using different Codes and Manuals
13 th OCTOBER	10:15 - 11:00	Yanan Li, Guoxin Wang	Strong Ground Motion Simulation for Ludian (Aug.3, 2014, Mw6.2) and Nepal (April 25, 2015, Mw7.8) earthquakes

Special lecture

		Author	Title
13 th OCTOBER	11:00 - 11:30	Niko Pojani	A portrait of Professor Gjovalin Gjadri

Special Session (12th OCTOBER)

	Author	Title
15:30 –15:40	Neritan Shkodrani	The seismic cone for a modern site exploration: use, accuracy and repeatability
15:40 – 16:00	Ervis Uruci	S-CPTu Test with Pagani Seismic Cone
16:00 - 16.30	Claudia Meisina, Maria Giuseppina Persichillo, Matteo Francesconi, Marco Creatini, Diego Carlo Lo Presti	Differences between mechanical and electrical cone penetration test in the liquefaction hazard assessment and soil profile reconstruction

Session 1

Session moderators:

Prof. Dr. Niko Pojani, Assoc. Prof. Huseyin Bilgin

	Code	Author	Title
17:00 –17:10	SEE2	Isak Idrizi, Zekirija Idrizi	Utilization of IDRIZI wall system on building structures – Characteristic study case
17:10 – 17.20	SEE3	Besar Abdiu, Feradin Azizi, Lisa Jusufi, Isak Idrizi	Effect of compression steel reinforcement on strength and ductility of RC beams
17.20 - 17.30	SEE5	Helisa Muhaj, Carla Marchão, Válder Lúcio, Ana Rita Gião	Cyclic loading test procedure, including gravity load, on RC beams for different failure modes
17.30 –17.40	SEE6	Arsiola Kapri, Agim Seranaj	Seismic Behavior Analysis of Structures during Structural Pounding.
17.40 – 17.50	SEE7	Arben Dervishaj, Nikolin Hima	Probabilistic performance assessment of an existing RC structure
17:50 – 18:00	SEE10	Mentor Lljunji	Contemporary architecture in seismic regions
18:00 –18:10	SEE15	Marjo Hysenlliu, Altin Bidaj	Structural systems of high-rise buildings
18:10 – 18.20	SEE16	Ervin Paçi, Arben Dervishaj	Deficiencies of different Push Over analysis procedures for seismic evaluation of existing bridges
18:20 – 18.30	SEE17	Luan Murtaj, Ergys Çaushti	Evaluation of real deflection for prestress bridge girder through nonlinear analysis

Session 2

Session moderators:

Assoc. Prof. Gëzim Bisha, Assoc. Prof. Gëzim Gjata

	Code	Author	Title
17:00 –17:10	GCP3	Freskida Abazaj, Gëzim Gjata	Topographical survey in Orikos archaeological site
17:10 – 17.20	GCP4	Genc Salja	GIS techniques applied in the administrative and territorial reform
17.20 - 17.30	GCP5	Genti Qirjazi , Walter Volkmann	Precision Mapping with drones without the need of Ground Control Points
17.30 –17.40	GCP6	Fitore Bajrami-Lubishtani, Perparim Ameti	Modeling Geoid for the republic of Macedonia
17.40 – 17.50	GCP7	Milot Lubishtani, Bashkim Idrizi	Raster data for Albania in global map
17:50 – 18:00	GCP8	Bilbil Nurçe, Gëzim Gjata, Ethem Bejko	An overview on the development of geodetic reference systems in Albania
18:00 –18:10	GIN2	Murat Meha	The study on linking the cadastral data to the National Spatial Data Infrastructure in Kosovo

18:10 – 18.20	SD3	Elton Hala	Turning the effect of urban wind into an asset: its impact in climate sensitive urban design
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Session 3

Session moderators:
Prof. Dr. Luljeta Bozo, Prof. Dr. Përparim Hoxha

	Code	Author	Title
14.30 –14.40	GE3	Erion Bukaçi, Thoma Korini	Reliability analysis of a tunnel support system using convergence confinement analysis based on Sauku method
14.40 – 14.50	GE4	Perparim Hoxha	Geotechnical investigation of landslide at the motorway
14.50 - 15.00	GE5	Besnik Ago, Shkëlqim Daja	Landslide susceptibility mapping of Karpen-Ballaj area (Western Albania) by using GIS-based statistical analysis
15.00 –15.10	GE6	Shilton Rica, Stefan Van Baars	Historical overview of CPT-based design methods
15.10 – 15.20	GE7	Shkëlqim Daja, Neritan Shkodrani, Redi Muçi, Klodian Skrame	Geological – Engineering conditions in the “Mali i Robit” area in Albania
15:20 – 15.30	GE8	Redi Muçi, Shkëlqim Daja, Klodian Skrame, Oltion Fociro	Laboratory soil-mixing tests with cement binder for application of Deep Mixing Method (DMM) in slope stabilization: case study of Vila Hill (Currila), Durrës, Albania.
15.30 –15.40	GE10	Neritan Shkodrani, Devis Cami	Pile response prediction: analytical methods vs. static loading tests
15.40 – 15.50	GE11	Regis Wallerand, David Kay, Mersina Cafi, Paul Dimmock, Mark Randolph	Hybrid Subsea Foundations – From Research to Project Application
15.50 – 16.00	HE10	Taulant Alilanj, Elvis Loli, Paolo Di Pietro , Marco Vicari	Physical model tests on gabion weirs to develop specific design criteria for shorter dissipation basins

10

Session 4

Session moderators:
Assoc. Prof. Miriam Ndini, Dr. Alfred Lako

	Code	Author	Title
14.30 –14.40	HE1	Lavdim Osmanaj, Astrit Vokshi , Hajrije Morina, Agon Haxhikadrija	Delineation of Groundwater Protection Zones for the Gjilan field
14.40 – 14.50	HE2	Kastriot Shehu	Selection of waste water collection scheme serving for the flat areas

14.50 - 15.00	HFW4	Elsa Dindi, Ardian Shehu	Instruments of sustainable management of Vjosa River Quaternary Aquifer
15.00 –15.10	HFW6	Arban Berisha	Data corelation calibration validation and climate change of Lepenc river
15.10 – 15.20	HSCE5	Shkëlqim Daja, Besnik Ago	Coastal vulnerability by using the Coastal Vulnerability Index (CVI) and Geographical Information System for the Durrësi Bay
15:20 – 15.30	WWT1	Enkelejda Gjinali, Elio Mehmeti, Abdullah Laci	Systems approach to environmental sanitation, what makes rural so different and more complex than urban sanitation
15.30 –15.40	WWT2	Enkelejda Gjinali, Esida Lekbello, Hantin Bonati	Water supply services are not capital problems, as much as they are management problems, the opposite holds true for sewerage services
15.40 – 15.50	WWT3	Aida Lahi, Enkelejda Gjinali	“The challenges of the knowledge-based economy in Albania”. Case study: establishment of a regional experimental & training on water and energy management center

Session 5

Session moderators:

Assoc. Prof. Misin Misini, Assoc. Prof. Shkëlqim Daja

	Code	Author	Title
14.30 –14.40	CMCE1	Isak Idrizi, Zekirija Idrizi	Numerical modeling and analysis of unreinforced masonry walls
14.40 – 14.50	CMCE2	Lisa Jusufi, Besar Abdiu, Semijal Ziberi, Isak Idizi	Numerical Methods for Computation of Dynamic Response of Single-degree-of-freedom Systems
14.50 - 15.00	CMCE5	Ersilio Tushaj, Niko Lako, Andi Breshanaj	Genetic optimization algorithms applied to discrete member sizing of steel truss structures.
15.00 –15.10	CMCE7	Luan Murtaç, Ergys Çausi	Analytical and numerical calculation of r/c beam capacity
15.10 – 15.20	CMCE8	Borana Kullolli, Pablo Cuéllar, Matthias Baeßler	On contact problem application for the local behavior of soil-pile interaction
15:20 – 15.30	CMCE9	Brunela Karamani, Julian Kasharaj, Igli Kondi	The programming skills required in future for an engineer
15.30 –15.40	CMCE10	Ludian Komini, Agim Seranaj	Impact of Locking in Commercial Software’s Accuracy and Different Approach to Overcome these Issues
15.40 – 15.50	CMCE11	Diana Bardhi, Emre Cecen	Interaction of steel bars and concrete in reinforced concrete elements
15.50 – 16.00	CMCE6	Syed Ali Rizwan, Nafeesa Shaheen	Investigation of shear capacity of Pre-stressed concrete beams using Response-2000

Session 6

Session moderators:
Prof. Dr. Dragi Dojcinovski, Dr. Markel Baballëku

	Code	Author	Title
16.30–16.40	SEE18	Anila Xhahysa, Serap Kahraman, Sadik Can Girgin, Serkan Misir	Alternative Energy Dissipating Device in Self-Centering Braces – UFP Plate
16.40 – 16.50	SEE21	Fujian Yang, Guoxin Wang	The nonlinear response analysis of RC frame structures under near-fault pulse-like ground motions
16.50 – 17:00	SEE22	Yang Ding, Guoxin Wang	Stochastic finite-fault simulation of strong ground motion from two earthquakes in China
17:00 –17:10	SEE23	Lu Peng-jie, Wang Guo-xin	Study on the Impact of Simple External Brace on Collapse Safety of Frame Structures
17:10 – 17.20	SEE24	Brisid Isufi, António M. P. Ramos and Válder J. G. Lúcio	Reversed lateral cyclic loading test of two flat slab specimens with punching shear stud reinforcement
17.20 – 17.30	SEE25	Agim Seranaj, Altin Piqani, Erald Elezi	Retrofit of Reinforced Concrete Industrial Building with Additional Steel Truss Columns
17.30 –17.40	SEE27	Marsed Leti, Hüseyin Bilgin	Estimation of the Seismic Demand and Capacity of RC Buildings Using Nonlinear Analysis Procedures
17.40 – 17.50	SEE28	Arian Lako, Besjan Mulkurti, Markel Baballëku, Erdit Leka, Esmerald Filaj	Applied methodology for structural assessment of existing bridges and culverts to "Trans Adriatic Pipeline –TAP" project
17.50 – 18:00	HMB2	D. Dojchinovski, M. Garevski, W. Guoxin	Definition of Seismic Strengthening Parameters for Cultural-Historic Monuments

10

Session 7

Session moderators:
Prof. Dr. Tanja Floqi, Assoc. Prof. Enkelejda Gjinali

	Code	Author	Title
16.30–16.40	ERE1	Holta Prifti, Tania Floqi, Stela Sefa	Study on biogas production from different organic wastes using sludge as co-substrate
16.40 – 16.50	ERE2	Konalsi Gjoka, Teida Shehi	How refurbishment of buildings envelope can reduce energy usage in concrete buildings
16.50 – 17:00	ERE3	Altin Maraj, Andonaq Londo, Sonila Neziri	Thermal performance analysis of a heat pipe evacuated tube collector under Tirana climatic conditions
17:00 –17:10	ERE4	Mirel Mico, Rodon Miraj	Albanian substrates and their biogas production yield on a laboratory scale

17:10 – 17.20	EQ2	Oltion Marko, Mevis Struga	Assessment of the Quantity of Soil Erosion and Sediment in Vithkuqi Watersheds Korça District-Albania
17.20 – 17.30	EQ7	Enriko Ceko	Some issues on ISO 14001:2015 standard (Environment Management System) application in Albania during 2007 - 2017
17.30 –17.40	EQ8	Ardian Shehu,Elsa Dindi	Selection of the gas pipeline corridors for the Albanian Gas Master Plan under the light of the Strategic Environmental Assessment

Session 8

Session moderators:

Prof. Dr. Naser Kabashi, Assoc. Prof. Elfrida Alliu

	Code	Author	Title
16.30–16.40	CM1	Lert Taravari, Afrim Rexhepi, Goran Markovski	The effect and comparison of different types of infill materials on the behavior of RC structural systems
16.40 – 16.50	CM5	Besnik Ago, Jorgaq Thanas, Dritan Dervishaj	Limestone rocks of Albania as construction materials in building industry
16.50 – 17:00	CM6	Elis Halili, Çerçis Durmishi, Ana Qorri, Besnik Ago	Geological – technical estimation of the decorative stones used for the pavement of “Skenderbej” square – Tirana, Albania.
17:00 –17:10	CM8	Erald Saliasi, Fisnik Kadiu, Agim Seranaj, Erion Luga	A Case study on the Material Properties of RC Industrial Buildings Built During the Communist Period in Albania
17:10 – 17.20	CTM1	Enrik Shehu, Altin Bidaj	Techno-economic analysis of industrial floors with fiber-reinforced concrete
17.20 – 17.30	TE1	Ervin Paçi, Altin Bidaj, Hektor Cullufi, Artemida Jaupaj	Appropriate pavement distress evaluation procedures for Albania
17.30 –17.40	TE2	Elmir Mustafai , Merita Mustafai	Comparison between the turbo and conventional double-lane roundabout in terms of traffic safety level - a case study in Tetovo area
17.40 – 17.50	TE3	Naser Morina, Mirza Pozder	Road traffic noise project
17.50 – 18:00	CM4	Syed Ali Rizwan. Anum Khalid. Thomas A Bier	Characterization of powdered silica fume through mercury intrusion porosimetry