



9th DOCTORAL SYMPOSIUM IN CIVIL ENGINEERING

14th September 2023

Sv. Duh 129, Zagreb

SYMPOSIUM PROGRAM	
8:00 - 9:00	Participant registration
9:00 - 9:15	OPENING CEREMONY (room P3)
9:15 - 9:45	Ivan Makovec, Agency for mobility and EU programmes Opportunities for mobility of young researchers under the Marie Skłodowska-Curie Actions and the EURAXESS initiative
9:45 - 11:00	Round table " The Importance of Mobility for Young Researchers " (chairperson: prof. Mladen Vukomanović)
11:00 - 11:20	Coffee break
11:20 - 13:00	I session (room P3) (chairperson: assoc. prof. Mario Bačić, assoc. prof. Marija Jelčić Rukavina)
11:20 - 11:40	Petra Milić, assist. prof. Marija Kušter Marić Climate change effect on service life prediction of reinforced concrete structures
11:40 - 12:00	Domagoj Tkalčić, assoc. prof. Bojan Milovanović Application of computer models for the analysis and reduction of thermal bridges
12:00 - 12:20	Tomislav Vugrinec, prof. Tomislav Kišiček Application of FRP reinforcement in reinforcing prefabricated facade sandwich panels
12:20 - 12:40	Ivana Zovko, assoc. prof. Marko Bartolac, prof. Josip Galić The influence of topology optimization on the increase in column buckling resistance
12:40 - 13:00	Nika Rakas, assoc. prof. Josip Atalić, assoc. prof. Marta Šavor Novak Assessment of Vulnerability of Reinforced Concrete Buildings in the City of Zagreb
13:00 - 14:00	Lunch break
14:00 - 15:00	Jelena Bogdanović Evaluation and search of e-resources
15:00 - 15:20	Coffee break



15:20 - 17:20	II session (room P3) (chairperson: assoc. prof. Ana Skender, assist. prof. Ivo Haladin)
15:20 - 15:40	Thomas Holger Taetzsch, assoc. prof. Josip Atalić An investigation of the influence of rigid underground building parts on the behavior of the structure during earthquakes
15:40 - 16:00	Ivan Kosalec, assoc. prof. Josip Atalić, assoc. prof. Marta Šavor Novak Vulnerability assessment of masonry buildings in the city of Zagreb
16:00 - 16:20	David Anđić, assist. prof. Mislav Stepinac Seismic vulnerability of vernacular heritage masonry churches in continental Croatia – framework proposal
16:20 - 16:40	Besmir Ismaili, assoc. prof. Ana Skender Application of seismic isolators in modular steel buildings
16:40 - 17:00	Ivana Gredelj, assoc. prof. Saša Ahac Military vehicles cross-country passability and mobility evaluation
17:00 - 17:20	Slaven Imprić, prof. Mladen Vukomanović Comparison and analysis of approaches to expert construction supervision in the Republic of Croatia, Great Britain and the Federal Republic of Germany
17:20 – 17:30	Closing ceremony
17:30 - 20:00	Gathering of Ph.D. students
Note for lecturers: Allow 5 minutes for questions and answers within the time allotted for the presentation.	