

III. STRUCTURAL AND TRANSPORT ENGINEERING

Concrete and Masonry Structures
Metal, Timber and Composite Structures
Building Testing
Geotechnics
Structural Mechanics

ROOM D185

Rank	Time	Name and Surname	Name of the article	Section
	8:00	Registration of participants (in the main building, in front of the room A203)		
	8:30	Opening speech (room A203)		
	8:45	Introduction lecture (room A203) Innovation in Plastic Recycling by Platis Guyes		
	9:15	Opening of the meeting (room D185)		
1	9:30	Katarzyna Misiólek	Determining the size and shape of sand grains by AI computer vision research	3
2	9:45	Michal Kázmér	Analysis of the supported area of cross-laminated timber for punching effects, comparison of current simplified methods	3
3	10:00	Jaroslav Baran	Shear resistance of prestressed beams according to the available calculation approaches	3
4	10:15	Roman Červenka	Buckling length of steel columns in frame structures stressed by fire	3
	10:30–11:00	Coffee Break		
5	11:00	Bahamn Zarazvand	Parameters influencing load distribution dynamics in piled raft foundations	3
6	11:15	Jonáš Jakůbek	Projecting mobile light study laboratory using BIM	3
7	11:30	Tadeáš Fecko	Numerical analysis of punching shear resistance of reinforced recycled aggregate concrete slabs according to various standards	3
8	11:45	Bohumil Šplíchal	Study on optimal setup of the ANN-aided aimed multilevel sampling optimization method	3
	12:00–13:00	Lunch Break		
9	13:00	Filip Cigáň	Use of neural networks within constitutive models of soils	3
10	13:15	Klara Freudenberger	Experimental verification of ceiling joint in CLT-steel hybrid structure	3
11	13:30	Daniel Čereš	Analysis of flat slab strengthened by reinforced concrete overlay	3
12	13:45	Adam Vašina	Archibald – software for creating digital terrain and its geotechnical application.	3
	14:00–14:30	Coffee Break		
13	14:30	David Vašátko	Effect of stiffening of fully composite modular footbridge on horizontal loads	3
14	14:45	Juraj Lagiň	The Impact of Elevated Temperatures on the Interaction of FRP Reinforcement and Concrete: An Experimental Study	3
15	15:00	Monika Středulová	Circular representative volume element for homogenization of discrete model of concrete	3
16	15:15	Mohammad Alkhazali	Exploring the Transformation of Material Properties Adjacent to Weld's Toe in S460 Plate with Cruciform Joints	3
	15:30	Session Closing		
	15:35–17:50	Accompanying program - excursion - meeting point in front of the main building A		
	18:00–18:30	Closing speech, Evaluation of papers (A203)		
	18:30–24:00	Reception dinner on the 4th floor of the main building A (entry after ticket submission)		