

Time	Thursday – 01.12.2022	
8:00 – 9:00	Registration	
9:00 – 9:20	Opening words & Welcome	
9:20 – 11:00	S1	<i>Session S1, Chairman: K. Rzeszut</i>
		<i>Plenary lecture</i> <ul style="list-style-type: none"> • Hartmut Pasternak <i>Structural relevance of residual welding stresses</i>
		<ul style="list-style-type: none"> • R. Czubacki, Tomasz Lewiński <i>Stability analysis of straight elastic bars of atypical cross-sections</i> • Radosław Czubacki, T. Lewiński <i>Axial and lateral buckling of straight elastic bars of a typical cross-sections</i> • M. Strąkowski, Marcin Kamiński <i>On the relative entropy as a safety assesment</i> • Emanuele Crespino, G. Fallacara, A. Fraddosio, M. Piccioni <i>Structural optimization for sustainable structures in seismic areas</i>
11:00 – 11:20	Coffee break	
11:20 – 13:00	S2	<i>Session S2, Chairman: M. Kamiński</i>
		<i>Plenary lecture</i> <ul style="list-style-type: none"> • D. Unger mann, Bettina Brune, T. Lemański <i>New research for advanced, future-oriented design of cold-formed structures</i>
		<ul style="list-style-type: none"> • Aleksandra Pawlak, P. Paczos <i>Loss of stability of short thin-walled columns with modified cross-sectional shape</i> • Szychowski, Monika Siedlecka, P. Zabojszcza <i>Resistance of steel thin-walled C-sections under axial compression</i> • Aleksander Franus, S. Jemiolo <i>Modelling visco-hyperelastic shells in Abaqus</i> • Rafał Budziński, L. Ślęczka <i>Experimental tests of eaves bolted joints of cold-formed steel portal frames under monotonic and cyclic loading</i>
13:00 – 14:00	Lunch	

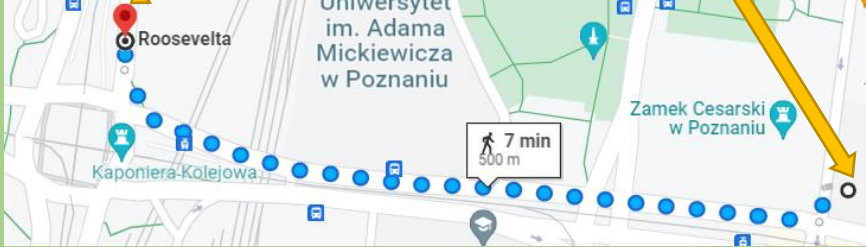
Poznan University of Technology Conference Centre

Sessions: room 53 / Coffee breaks & lunches: room 51

Time	Thursday – 01.12.2022	
14:00– 15:45	S3	<i>Session S3, Chairman: J. Szafran</i>
		<i>Plenary lecture</i> <ul style="list-style-type: none"> • Paulina Obara <i>Behaviour of tensegrity structures under the influence of periodic load</i>
		<ul style="list-style-type: none"> • M. Ancelin, E. De Morais Dias, A. Grasselli, Daria Jasińska, N. Morise, G. Laot, M. Dutkiewicz <i>Application of BIM to improve the sustainability and prevention failures existing object. Case study on steel chimneys</i> <ul style="list-style-type: none"> • Andrzej Rutkiewicz <i>A two-parameter model for initial design optimization of tensegrity T3 column</i> <ul style="list-style-type: none"> • M. Dutkiewicz, Dagmara Jasińska <i>Problems of shell industrial steel chimney due to operation state</i> <ul style="list-style-type: none"> • T. Mikulski, R. Gierasimczyk, Przemysław Sorn (<u>remote presentation</u>), J. Górski <i>Limit states of underground storage pressure tanks vs. structure reliability indexes</i>
15:45 – 16:00	Coffee break	
16:00 – 17:15	S4	<i>Session S4, Chairman: V. Semko</i>
		<ul style="list-style-type: none"> • Eric Pradhan, J. Lange <i>Parametric studies of eccentrically loaded sandwich panels regarding geometric ratios</i> <ul style="list-style-type: none"> • Katarzyna Ciesielczyk, R. Studziński <i>Interaction between sandwich panel and thin-walled beam for various connection methods - experimental investigation</i> <ul style="list-style-type: none"> • Elmedi Ablaoui, M. Malendowski, W. Szymkuć, Z. Pozorski <i>Determination of thermal properties of mineral wool required for the safety analysis of sandwich panels subjected to fire loads</i> <ul style="list-style-type: none"> • Anna Knitter-Piątkowska, M. Przychodzki, M. Guminiak <i>Application of the discrete wavelet transform to damage detection in a guy cable of guyed antenna mast</i>
19:00 – 22:00	Conference dinner	

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Sessions: room 53 / Coffee breaks & lunches & Conference dinner: room 51

Time	Friday – 02.12.2022	
9:00 – 10:30	Enigma Cipher Centre Ul. Św. Marcin 78, Poznań	
10:45 – 12:00	Bimba Tram Start: Rondo Kaponiera (500m from Enigma Cipher Center) 	
12:15 – 13:15	Lunch	
13:15 – 14:45	S5	<i>Session S5, Chairman: K. Rzeszut</i> <i>Plenary lecture</i> <ul style="list-style-type: none"> • Marian Giżejowski <i>An analytical GM model of the flexural-torsional buckling resistance of imperfect steel beam-columns</i> • Agnieszka Padewska-Jurczak, R. Walentyński, P. Szczepaniak, M. Wiśniowski, D. Cornik <i>Research on the dynamics of lightweight shell and spatial structures with the aid of shake table and CFD tools</i> • Dominika Bysiec, A. Janda, T. Maleska <i>Effect of two different methods of creating. A topology on geodesic domes under seismic excitation</i> • Jacek Szafran, E. Kubacka, K. Juszczyk-Andraszyk <i>Bending stiffness of steel lattice telecommunication towers – optimization aspects</i>
		<i>Session S6, Chairman: R. Studziński</i> <ul style="list-style-type: none"> • Volodymyr Semko, P. Semko <i>Experimental studies of the profiled steel decks collaborative work</i> • Tomasz Szumigała, K. Rzeszut <i>Does standard test of trapezoidal sheets allow for a reliable assessment of their load-bearing capacity in real structures?</i> • M. Dybizbański, K. Rzeszut, Aleksandra Szczepańska <i>Influence of load application of TWCS sigma type beams</i> • Maciej Dybizbański, K. Rzeszut <i>Adhesive connection of CFRP fabric to steel plate subjected to the shear stresses</i>
14:45 – 15:00	Coffee break	
15:00 – 16:00	S6	<i>Session S6, Chairman: R. Studziński</i> <ul style="list-style-type: none"> • Volodymyr Semko, P. Semko <i>Experimental studies of the profiled steel decks collaborative work</i> • Tomasz Szumigała, K. Rzeszut <i>Does standard test of trapezoidal sheets allow for a reliable assessment of their load-bearing capacity in real structures?</i> • M. Dybizbański, K. Rzeszut, Aleksandra Szczepańska <i>Influence of load application of TWCS sigma type beams</i> • Maciej Dybizbański, K. Rzeszut <i>Adhesive connection of CFRP fabric to steel plate subjected to the shear stresses</i>
16:00 – 16:15	Closing ceremony	
16:15 – 17:00	Meeting of IASS Polish Chapters	

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