

# MY FIRST CONFERENCE 2018

## PROGRAMME

September 27, 2018

<b>8:30 - 9:00</b>	<b>REGISTRATION</b>	<b>ROOM 207</b>		
<b>09:00</b>	<b>CONFERENCE OPENING</b>	<b>ROOM 207</b>		
<b>09:00 - 9:45</b>	<b>PLENARY SESSION</b> Invited speaker D. Ogrizović <i>HPC and Cloud Computing</i>			
<b>9:45 - 10:15</b>	<b>COFFEE BREAK</b>			
<b>10:15 - 12:00</b>	<b>SESSION A</b> Chair: P. Gljuščić  G. Vizentin, G. Vukelić <i>Analysis of a Hydraulic Torque Wrench Adapter Failure</i>  S. Grbčić, G. Jelenić, A. Ibrahimbegović <i>Finite element analysis of micropolar boundary value problems</i>  P. Brezac, A. Zamarin <i>Ice contact Simulation on Marine Structures</i>  A. Sikirica, S. Ivić, M. Čanadija <i>Analysis of the Grid Structures Isotropy</i>  I. Lučin, Z. Čarija, B. Lučin <i>Numerical analysis of trashrack bar cross section influence on head losses</i>  D. Pastorčić, G. Vukelić <i>Fatigue Analysis of a Coil Spring Under Stochastically Modelled Dynamic Loading</i>  D. Stipanić, D. Holjević, V. Travaš <i>Kriging and 3D geological modelling based on boreholes data</i>	<b>ROOM 207</b>	<b>SESSION B</b> Chair: F. Hržić  A. Grgurić, I. Sušanj Čule, N. Ožanić <i>Warka water – a new concept for collecting of a drinkable water</i>  A. Tadić, I. Sušanj Čule, N. Ožanić <i>Water level oscillation model in accumulation</i>  L. Zaharija, V. Travaš <i>CBS Finite Element Model for 2D Shallow Water Equations</i>  M. Kirinčić, K. Lenić <i>Numerical analysis of heat and mass transfer in an indirect evaporative heat exchanger</i>  F. Torbarina, A. Trp <i>Numerical Modelling of the Air-Side Flow and Heat Transfer Characteristics of Slotted Fin and Tube Heat Exchanger</i>  D. Glujić, R. Radonja <i>Methanol and Ethanol as ship fuel</i>  L. Kocijel <i>Analysis of influence of geometrical and working parameters on temperature stratification in heat storage tanks</i>	<b>ROOM 405</b>
<b>12:00 - 13:30</b>	<b>LUNCH</b>			
<b>13:30 - 14:15</b>	<b>PLENARY SESSION</b> Invited speaker S. Valčić <i>The OFDM modulation and the VHF maritime mobile band</i>	<b>ROOM 207</b>		

<b>14:15 - 15:15</b>	<b>SESSION C</b> Chair: L. Maglić  M. Jović, D. Čišić, E. Tijan <i>EDIFACT as a basis for data exchange in maritime transport</i>  D. Šakan, I. Rudan, S. Žuškin, D. Brčić <i>AIS data usage for vessel movement analysis</i>  I. Polić <i>Leadership styles determines proactivity of employees – instance on board</i>  T. Krljan, M. Jardas <i>Transport Problems of Goods Flow – Construction and Integration of Distribution Center in the City of Rijeka</i>	<b>ROOM 207</b>	<b>SESSION D</b> Chair: S. Valčić  F. Hržić, I. Štajduhar <i>Automatic Radius Bones Fracture Detection using Machine Learning</i>  Z. Šverko <i>EEG data processing in neurofeedback</i>  I. Markovinović <i>Removal of eye blink artifacts from EEG signal</i>  T. Manojlović <i>In-memory Distributed service for searching metadata of radiology images</i>	<b>ROOM 405</b>
<b>15:15 - 15:45</b>	<b>COFFEE BREAK</b>			
<b>15:45 - 17:15</b>	<b>SESSION E</b> Chair: S. Grbčić  T. Arrigoni, S. Zelenika, E. Kamenar <i>Design of a 3D printed rehabilitation device and testing of its material properties</i>  S. Piličić, K. Marković <i>Inverse Modelling for Material Parameters Identification of Soft Tissues</i>  M. Gljuščić, M. Franulović, D. Lanc <i>Advanced combined inverse techniques for the identification of material parameters</i>  V. Uran <i>Scalability design impact in multi-product RMS</i>  M. Tuhtan, G. Jelenić <i>Bouncing Balls in a Box</i>  P. Gljuščić, S. Zelenika <i>Experimental characterisation of thermoelectric generators for wearable technology applications</i>	<b>ROOM 207</b>	<b>SESSION F</b> Chair: I. Sušanj Čule  N. Lopac, N. Bulić <i>Time-frequency representations of induction machine stator current</i>  I. Jurković, N. Bulić <i>Selective Harmonic Elimination in Closed Loop – Implementation on Medium-Voltage 3-level NPC Active Front End Converter</i>  I. Sterpin, D. Franković <i>High Impedance Fault</i>  N. Turk, N. Bulić <i>Nonlinear Control of a Bearingless Flux Switching Slice Motor with Combined Winding System</i>  B. Schira <i>Marine Energy Potential in Northern Adriatic with Special Consideration of Waters around Istrian Peninsula</i>  D. Cikač, N. Bulić <i>Flying Start Routine for Induction Motor in Scalar Control Mode</i>	<b>ROOM 405</b>
<b>17:15</b>	<b>CONFERENCE CLOSING</b>	<b>ROOM 207</b>		