

## 50th Anniversary Symposium of Control Division Seminars

Warsaw University of Technology

September 23, 2019, Warsaw

### Programme

Time	Title	Presenter
10:30 – 11:00	<b>Registration and coffee</b>	
11:00 – 11:05	<b>Welcome</b>	Professor Andrzej Dzieliński and Professor Marcin Iwanowski (Warsaw University of Technology)
11:05 – 11:20	<b>50-years history of Seminars</b>	Professor Tadeusz Kaczorek (Bialystok University of Technology)
11:20 – 11:50	<b>nD systems theory and applications: from the early days through to current times and onwards</b>	Professor Eric Rogers (University of Southampton)
11:50 – 12:20	<b>Towards less conservative stability conditions for 2D systems</b>	Professor Wojciech Paszke (University of Zielona Góra)
12:20 – 12:30	<b>Coffee break</b>	
12:30 – 13:00	<b>Equivalent descriptions of the variable-, fractional-order MIMO linear systems</b>	Professor Piotr Ostalczyk (Lodz University of Technology)
13:00 – 13:30	<b>Fractional Model Predictive Control for Non-linear Systems</b>	Professor Stefan Domek (West Pomeranian University of Technology)
13:30 – 14:15	<b>Lunch</b>	
14:15 – 14:45	<b>Effective Methods of the Dynamic Decoupling of Non-linear MIMO Objects</b>	Professor Paweł Dworak (West Pomeranian University of Technology)
14:45 – 15:15	<b>Non integer order models of heat transfer process</b>	Professor Krzysztof Oprzędkiewicz and Professor Wojciech Mitkowski (AGH University of Science and Technology)
15:15 – 15:45	<b>Selected topics in stability analysis for noncommensurate fractional-order systems</b>	Professor Krzysztof Latawiec and Professor Rafał Stanisławski (Opole University of Technology)
15:45 – 15:55	<b>Coffee break</b>	
15:55 – 16:25	<b>Selected properties of some classes of fractional linear systems with different fractional orders</b>	Professor Łukasz Sajewski (Bialystok University of Technology)
16:25 – 16:55	<i>[Lecture on fractional systems]</i>	Adam Trojnar (Lodz University of Technology)
16:55 – 17:00	<b>Closing remarks</b>	Professor Andrzej Dzieliński and Professor Marcin Iwanowski (Warsaw University of Technology)