

# 3<sup>rd</sup> joint seminar on non-linear and adaptive dynamical systems

IPPT PAN and Division of Dynamics (Lodz University of Technology)

June 22<sup>nd</sup>, 2018

(IPPT PAN, Scientific Council Room, 1st floor)

- 11:00 – 11:25 Marek Balcerzak (DoD)  
*Optimization of the vibro-impact capsule system*
- 11:25 – 11:50 Zofia Szmit (Lublin University of Technology)  
*Regular and chaotic oscillations of rotating structures*
- 11:50 – 12:15 Anita Orłowska (IPPT)  
*Dynamic behaviour of the prestressed GFRP composite beams*
- 12:15 – 12:45 Coffee break
- 12:45 – 13:10 Stanisław Kruszyński (DoD)  
*Experimental verification of church bell model*
- 13:10 – 13:35 Konrad Mnich (DoD)  
*Detection of rare attractors using sample based method*
- 13:35 – 14:00 Błażej Popławski (IPPT)  
*Semi-active damping of vibrations in skeletal structures: a decentralized algorithm and optimization of actuator placement*

