

S^{41st} SolMech 2018

41st SOLID MECHANICS CONFERENCE

27-31 AUGUST 2018, WARSAW, POLAND



<http://solmech2018.ippt.pan.pl>

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Welcome

The Solid Mechanics Conferences are a series of biennial international conferences, which have been organized by the IPPT PAN since 1953.

The aim of the Conference is to bring together researchers from different countries and to provide an opportunity to present scientific results on a wide range of topics related to solid mechanics.

We are looking forward to receiving your abstract and meeting you in Warsaw.

K. Wisniewski - Chairman
T. Burczynski - Director of IPPT PAN
B. Blachowski - Scientific Secretary

Invited lectures

Olivier Allix (*Cachan, France*)
Samuel Forest (*Paris Evry, France*)
Dariusz Gawin (*Łódź, Poland*)
Stavros Kourkoulis (*Athens, Greece*)
Jean-François Molinari (*Lausanne, Switzerland*)
Kam Yim Sze (*Hong Kong, China*)
Hisaki Tobushi (*Aichi, Japan*)

Thematic sessions

- Elasticity, plasticity and phase transition
- Micromechanics, interfaces and multiscale modelling
- Damage and fracture modelling of advanced materials
- Plasticity, damage and fracture: microstructural aspects
- Computational aspects of solid mechanics
- Discrete and multiscale modelling in solid mechanics
- Coupled fields in nanostructures and continua
- Dislocations
- Experimental mechanics
- Geomechanics and multiscale modelling of materials
- Multiphysics problems in poromechanics
- Biomechanics
- Smart materials and structures
- Structural mechanics and optimization
- Nonlinear and adaptive dynamical systems
- Shells and plates
- Stochastic mechanics

Important dates

Abstract submission deadline:	April 15th, 2018
Notification of acceptance:	May 13th, 2018
Early conference fee payment deadline:	May 31st, 2018
Conference fee payment deadline:	June 30th, 2018