Mathematical Analysis of Continuum Mechanics and Industrial Applications II [CoMFoS16]

Keynote Speakers

Nadia Ansini (La Sapienza, Rome, Italy)
“Minimising movements for oscillating energies: the critical regime”

Eliot Fried
(Okinawa Institute of Science and Technology Graduate University, Japan)
“Geometric variational problems involving competition between line and surface energy”

Shiro Hirano (Ritsumeikan University, Japan)
“Integral representation and its applications of the mechanics of earthquakes”

Hirotada Honda (NTT Network Technology Laboratories, Japan)
“One on mathematical modeling and analysis of brain network”

Maria Lukacova (University of Mainz, Mainz, Germany)
“Asymptotic preserving IMEX schemes for weakly compressible fluids”

Marco Morandotti (SISSA, Trieste, Italy)
“Relaxation of disarrangement densities”

Adrian Muntean (Karlstads Universitet, Karlstad, Sweden)
“Reaction-diffusion systems with distributed microstructures: well-posedness, homogenization asymptotics, multiscale feedback estimates”

Naoshi Nishimura (Kyoto University, Japan)
“Discretisation of electric field integral equation with Hdiv inner products”

Akira Takada (Asahi Glass Company, Japan)
“Structural disorder in materials and time’s arrow”

Marita Thomas (Weierstrass Institute, Berlin, Germany)
“Energetic concepts for coupled rate-independent and rate-dependent processes: Damage & delamination in visco-elastodynamics”

Shiro Tsukamoto (National Institute of Technology, Anan College, Japan)
“Crystal growth mechanism of compound semiconductor quantum dots”

Takumi Washio (The University of Tokyo, Japan)
“Continuum mechanical modeling of cardiac muscle”

Invited Speakers

Ryosuke Ando (University of Tokyo, Japan), Hideyuki Azegami (Nagoya University, Japan), Elliott Ginder (Hokkaido University, Japan), Sayako Hirobe (Keio University, Japan), Hiroshi Kanayama (Japan Women’s University), Tomoya Konishi (National Institute of Technology, Anan College, Japan), Patrick van Meurs (Kanazawa University, Japan), Hana Miz covera (University of Mainz, Mainz, Germany), Takashi Nakazawa (Tohoku University, Japan), Kohji Ohtsuka (Hiroshima Kokusai Gakuen University, Japan), Ryohsei Seto (Okinawa Institute of Science and Technology Graduate University, Japan), Akhilendra Singh (Indian Institute of Technology Patna, India), Indra Vir Singh (Indian Institute of Technology Roorkee, India), Karel Švadlenka (Kyoto University, Japan), Daisuke Tagami (Institute of Math-for-Industry, Kyushu University, Japan), Shingo Urata (Asahi Glass Company, Japan)

Conference program is subject to change, for the latest information, please visit our website. https://sites.google.com/site/comfos16/

Date Oct.22(Sat) - Oct.24(Mon), 2016
Venue Large Conference Room AB, Nishijin Plaza, Kyushu University

Co-Organized by: The research activity group in JSIAM called ‘Mathematical Aspects of Continuum Mechanics (MACM)’

Organizers:
Masato Kimura (Kanazawa University)
Patrick van Meurs (Kanazawa University)
Hirofumi Notsu (Kanazawa University)

Organizing Committee:
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Kohji Ohtsuka (Hiroshima Kokusai Gakuen University)
Daisuke Tagami (Institute of Math-for-Industry, Kyushu University)
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IMI Joint Research Project in 2016

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