



Section of mathematics, physics, technology,
biology and informatics.
Workshop schedule

Organizer: Interdisciplinary Research Group MATERIALICA+

10 April 10:00 – 12:30 room 10

9:50 – 10:00 Vladimir Mityushev (Poland) Opening Workshop

10:00 – 10:30 Habib Ammari (Switzerland) Invited Lecture

10:30 – 11:00 Grigory Panasenko (France) Invited Lecture

11:00 – 11:30 Michael Reissig (Germany) Weakly coupled systems
of semilinear elastic waves with different damping mechanisms
in 3D

11:30 – 12:00 Vladimir Mityushev, Paweł Kurtyka, Natalia Rylko
(Poland) Random composites I

12:00 – 12:30 Wojciech Nawalaniec, Roman Czapla (Poland) Ran-
dom composites II

13:30 – 18:00 room Danko - General workshop

11 April 9:30 – 11:00 room 410N

9:30 – 10:00 Urszula Foryś (Poland) Mathematics meets oncology

10:00 – 10:30 Mirek Lachowicz (Poland) TBA



10:30 – 11:00 Piotr Drygas (Poland) Elastic properties of random composites

11 April 11:00 – 12:30 room 408N

11:00 – 11:30 Gennady Mishuris (UK) Dynamic crack propagation in discrete structures

12:00 – 12:30 Gia Giorgadze (Georgia) Boundary value problem induced from Riemann-Hilbert monodromy problem

13:30 – 18:00 room Danka - General workshop

12 April 10:00 – 12:00 room 410N

10:00 - 10:30 Dominik Legut (Czech Republic) Magneto-optical effects - experimental verification and interpretation using first principles calculations

10:30 - 11:00 Konrad Perzyński (Poland) Hybrid RCAFÉ model for fracture modelling in multi-phase materials

11:00 - 11:30 Roman Czapla (Poland) Collective behavior of bacteria

13 April Individual consultations with Jan Guncaga (Slovakia) Dydaktyka nauk przyrodniczych w Niemczech, na Słowacji, Wegrach, stypendialne programy i międzynarodowe projekty w ramach kierunku H2020 "Science with and for Society"



MATERIALICA+
Research Group
Computational Design
& Structural Analysis

