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E-MRS 2019 Fall Meeting

16th - 19th September
Warsaw University of Technology
Poland

The conference will include:
22 parallel symposia, one plenary session, one exhibition and much more

Abstract deadline: May 20th, 2019
SCHEDULED SYMPOSIA

INFORMATION AND COMMUNICATION TECHNOLOGIES
- Ion-related phenomena in nanoscale oxide systems: from fundamentals to applications
- Integration of advanced materials on silicon: from classical to quantum applications
- Fabrication and characterization of emerging transparent conductive materials
- Materials for Nanoelectronics and Nanophotonics
- Caloric materials for efficient heat management applications: advances and challenges
- Novel Approaches for Neuromorphic Computing: Materials, Concepts and Devices
- Diamond for Electronic Devices IV
- New materials for photonics

ENERGY AND ENVIRONMENT
- Materials for Energy Applications: Li-ion, Na-ion Batteries, supercapacitors and beyond, perovskite-type Solar cells and beyond
- Computational materials science for sustainable energy using nanocatalysts from abundant elements
- Nuclear materials under extreme conditions
- Beyond hydrogen storage – Metal hydrides as multifunctional materials for energy storage and conversion
- Metal oxide- and oxyhydrate-based nanomaterials for energy and environment-related applications
- Advanced catalytic materials for (photo)electrochemical energy conversion

MANUFACTURING
- 3D Printing and Additive Manufacturing for the Industry of the Future

FUNDAMENTALS
- Nanoparticles: advances in synthesis, characterization, theoretical modelling, and applications
- Surface and Interfaces of Nanocarbons
- New frontiers for the in-situ and operando spectroscopic investigation of interfaces applied to catalysis and electrochemistry
- Nanomaterial thermal transport properties and nanothermodynamics
- X-ray based techniques for sustainable energy related materials
- Bioinspired and Biointegrated Materials as New Frontiers Nanomaterials IX

2019 Fall Meeting
Conference and exhibition will be held at the Main Campus of the Warsaw University of Technology
Plac Politechniki 1 - Warsaw, Poland

Faculty of Materials Science and Engineering
WARSAW UNIVERSITY OF TECHNOLOGY

Contact Information - Conference Secretariat:
phone: +48 22 234 87 94
fax: +48 22 234 85 14
e-mail: emrs@pw.edu.pl

ABSTRACT DEADLINE: MAY 20th, 2019
in fairness to all potential authors, late abstracts will not be accepted