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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

- A** Ion-related phenomena in nanoscale oxide systems: from fundamentals to applications
- B** Integration of advanced materials on silicon: from classical to quantum applications
- C** Fabrication and characterization of emerging transparent conductive materials
- D** Materials for Nanoelectronics and Nanophotonics
- E** Caloric materials for efficient heat management applications: advances and challenges
- F** Novel Approaches for Neuromorphic Computing: Materials, Concepts and Devices
- G** Diamond for Electronic Devices IV
- H** New materials for photonics

ENERGY AND ENVIROMENT

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

MANUFACTURING

- O** Towards a Green Strategy for Materials Recycling. Two Focusing Domains: High Added Materials & CO₂ For Innovative Applications
- P** 3D Printing and Additive Manufacturing for the Industry of the Future

FUNDAMENTALS

- Q** Nanoparticles: advances in synthesis, characterization, theoretical modelling, and applications
- R** Surface and Interfaces of Nanocarbons
- S** New frontiers for the in-situ and operando spectroscopic investigation of interfaces applied to catalysis and electrochemistry
- T** Nanomaterial thermal transport properties and nanothermodynamics
- U** X-ray based techniques for sustainable energy related materials
- V** 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

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ABSTRACT DEADLINE : MAY 20th, 2019

in fairness to all potential authors, **late abstracts will not be accepted**