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CALL FOR PAPERS



2020 Fall Meeting

14th - 17th September
Warsaw University of Technology
Poland

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

Abstract deadline: May 18th, 2020

SCHEDULED SYMPOSIA

MATERIALS FOR ENERGY

- A** Materials for energy applications: hydrogen storage/production, solar cells, super capacitors, thermoelectric & carbon based materials
- B** Battery and energy storage devices: from materials to eco-design
- C** Advanced catalytic materials for (photo)electrochemical energy conversion II
- D** Materials for chemical and electrochemical energy storage
- E** Nuclear materials

MODELLING AND CHARACTERIZATION

- F** Computer-aided materials modelling: fundamental and applied insights merging physics and chemistry viewpoints at the atomic-scale
- G** Modern computational methods and their applications in materials science: Synergy of theory and experiment
- H** European Nanoanalysis Symposium (8th Dresden Nanoanalysis Symposium "on tour")

FUNCTIONAL MATERIALS

- I** Materials and technological solutions preventing biofilms and antimicrobial resistance
- J** Peptide self-assembly in materials science
- K** Integration of advanced materials on silicon: from classical to neuromorphic and quantum applications
- L** Emergent functional materials with respect to extreme conditions
- M** Interface phenomena in emerging electronic and energy technologies
- N** New frontiers in topological matters

OXIDES, FERROELECTRICS

- O** Wide band gap (WBG) materials: theory, growth, characterization, and applications
- P** Phase transitions and properties of ferroics in the form of single crystals, ceramics and thin films – II. 2020
- Q** (Hf,Zr)O₂-based ferroelectrics: from fundamentals to applications

NANOPARTICLES AND NANOMATERIALS

- R** Nanomaterials- electronics & -photonics
- S** Design and Manufacturing of 3D optical nanostructures and nanophotonics
- T** Organized nanostructures and nano-objects: fabrication, characterization and applications V
- U** Advances in nanoparticles: synthesis, characterisation, theoretical modelling, and applications
- V** Polytypism in semiconductors

MANUFACTURING AND TECHNOLOGY

- W** 3D printing and additive manufacturing for the industry of the future (2nd edition)
- X** Crystal Growth of Organic Materials



2020 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 18th, 2020

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