2015 Fall Meeting
CALL FOR PAPERS

The 2015 E-MRS Fall Meeting and Exhibit will be held in Warsaw University of Technology from September 15th to 18th Tuesday-Friday.

The conference will include 23 parallel symposia, one plenary session, one exhibition and much more; Abstract deadline: May 25th, 2015.

Fall Meeting will be connected with EUROMAT conference (21-24 September), organized by FEMS, at Warsaw University of Technology, immediately following the Fall Meeting.

Both conferences are under the auspices of the European Materials Forum (EMF).

There will be a "Materials Weekend", 19-20 September, organised jointly by E-MRS and FEMS between the conferences. It will consist of lectures, tutorials, political events, etc...
MATERIALS AND DEVICES FOR ENERGY AND ENVIRONMENT APPLICATIONS
- Materials for energy storage and conversion
- Materials for CO2 capture and storage
- Hydrogen storage in solids: materials, systems and application trends
- 12th international symposium on electrochemical/chemical reactivity of new materials
- „Surface science: key to understand advanced materials“
- Self-healing materials – from concepts to market
- Materials and coatings for extreme environments

MATERIALS FOR ELECTRONICS AND OPTOELECTRONIC APPLICATIONS AWAY FROM SILICON
- Transparent conductive materials: from fundamental understanding to applications
- Nitride semiconductors for high power and high frequency electronic devices
- Responsive materials operating outside of thermodynamic equilibrium
- Ferroic perovskites for advanced materials
- Towards oxide-based electronics: growth and applications of oxide thin films and heterostructures

NANOMATERIALS, NANOSTRUCTURES AND NANO DEVICES
- Hierarchical assembly of nano-scale building blocks
- Deformation at small-scale: insights from experiments and simulations
- Alternative semiconductor integration in Si microelectronics: materials, techniques and applications
- Electronic and optical nature of silicon nanostructures: doping, interface effects and strain
- Colloidal assembly of functional nanomaterials: from assembly routes to functional devices
- Nanocarbon electrochemistry and interface

CHARACTERIZATION OF MATERIALS BY EXPERIMENTS AND COMPUTING
- Molecular materials for quantum computing
- High pressure as a tool to design & synthesize new high Tc superconductor, hard materials & multifunctional oxides
- Heat transfer at short time and length scales
- Stress, structure, and stoichiometry effects on the properties of nanomaterials
- Advanced characterization of phase separation in magnetic semiconductors and superconductors

Contact Information - Conference Secretariat:
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ABSTRACT DEADLINE : MAY 25th, 2015
in fairness to all potential authors, late abstracts will not be accepted