

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**

emf

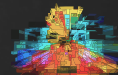
European
Materials
Forum

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 ...



FEMS 2015
EUROMAT

MATERIALS AND DEVICES FOR ENERGY AND ENVIRONMENT APPLICATIONS

- A** Materials for energy storage and conversion
- B** Materials for CO₂ capture and storage
- C** Hydrogen storage in solids: materials, systems and application trends
- D** 12th international symposium on electrochemical/chemical reactivity of new materials
„Surface science: key to understand advanced materials"
- E** Self-healing materials – from concepts to market
- F** Materials and coatings for extreme environments

MATERIALS FOR ELECTRONICS AND OPTOELECTRONIC APPLICATIONS AWAY FROM SILICON

- G** Transparent conductive materials: from fundamental understanding to applications
- H** Nitride semiconductors for high power and high frequency electronic devices
- I** Responsive materials operating outside of thermodynamic equilibrium
- J** Ferroic perovskites for advanced materials
- L** Towards oxide-based electronics: growth and applications of oxide thin films and heterostructures

NANOMATERIALS, NANOSTRUCTURES AND NANO DEVICES

- M** Hierarchical assembly of nano-scale building blocks
- N** Deformation at small-scale: insights from experiments and simulations
- O** Alternative semiconductor integration in Si microelectronics: materials, techniques and applications
- P** Electronic and optical nature of silicon nanostructures: doping, interface effects and strain
- Q** Colloidal assembly of functional nanomaterials: from assembly routes to functional devices
- R** Nanocarbon electrochemistry and interface

CHARACTERIZATION OF MATERIALS BY EXPERIMENTS AND COMPUTING

- S** Molecular materials for quantum computing
- T** High pressure as a tool to design & synthesize new high T_c superconductor, hard materials & multifunctional oxides
- U** Heat transfer at short time and length scales
- V** Stress, structure, and stoichiometry effects on the properties of nanomaterials
- W** Advanced characterization of phase separation in magnetic semiconductors and superconductors

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

E-MRS Fall Meeting Office

Politechnika Warszawska
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02-507 Warszawa
Poland

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ABSTRACT DEADLINE : MAY 25th, 2015

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