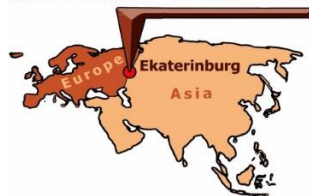


SPM-2018



International Conference "Scanning Probe Microscopy" (SPM-2018), International Workshop "Modern Nanotechnologies" (IWMN-2018), and International Youth Conference "Functional Imaging of Nanomaterials" (FIN-2018)

Ural Federal University, Ekaterinburg, Russia
August 26-29, 2018

First Announcement

Scope:

The joint conference will cover a wide range of topics related to modern nanotechnologies and functional imaging of nanostructured materials by various modes of Scanning Probe Microscopy as well as study of ferroics. The Youth Conference will consist of tutorial session and scientific conference on nanoscale phenomena in different functional materials.

Topics:

- SPM in materials science
- PFM, MFM, KPFM, SNOM, ESM, SEM, and related techniques
- Tip-enhanced phenomena
- Probe lithography and nano-indentation
- Ferroelectrics, piezoelectrics, and ionic conductors
- Multiferroic phenomena and magnetoelectric coupling on the nanoscale
- Interface and domain engineering
- Biocompatible & organic materials
- 1D and 2D nanostructured materials
- Theory, modeling, and data processing

Conference Chairs: Vladimir Shur (Russia) & Victor Mironov (Russia)

International Program Committee:

Prof. A.V. Ankudinov (Russia)

Dr. A.L. Kholkin (Portugal)

Prof. A.A. Saranin (Russia)

Prof. A.A. Bukharaev (Russia)

Prof. O.V. Kolosov (UK)

Prof. V.Ya. Shur (Russia)

Prof. V.A. Bykov (Russia)

Prof. A.V. Latyshev (Russia)

Dr. V.V. Shvartsman (Germany)

Prof. S.A. Chizhik (Belarus)

Prof. G.M. Mikhailov (Russia)

Dr. A.P. Volodin (Belgium)

Prof. A.L. Gruverman (USA)

Prof. V.L. Mironov (Russia)

Prof. I.V. Yaminsky (Russia)

Official language: English

Conference website: <https://nanocenter.urfu.ru/en/spm2018/>

Important deadlines:

Abstract submission: April 15, 2018

Early-bird registration fee: June 10, 2018

Contacts:

E-mail: spm-2018@labfer.ru

Tel/Fax: +7 (343) 2617436

