



**RUSSIAN ACADEMY OF SCIENCES
YAROSLAVL BRANCH OF THE INSTITUTE OF PHYSICS AND TECHNOLOGY OF RAS
YAROSLAVL STATE UNIVERSITY**

**INTERNATIONAL CONFERENCE ON
MODERN PROBLEMS IN PHYSICS OF SURFACES AND NANOSTRUCTURES**

THE 1ST INFORMATION LETTER

Dear colleagues!

We invite you to take part in the International conference on Modern Problems in Physics of Surfaces and Nanostructures (ICMPSN2012) to be held in Yaroslavl, Russia on 23-25 May 2012.

The program of the conference will include oral and poster presentations. Working languages of the conference will be English and Russian.

The conference will be devoted to a wide spectrum of modern problems in the physics of surfaces and nanostructures. The following topics will be discussed: Self-organization on the surfaces and nanostructuring; Phase transitions on the surfaces; Magnetic properties of the surfaces and nanostructures, spintronics; Dynamics of the surfaces and nanostructures; Surface diffusion and thin film growth; Interaction of ions with surfaces; Electronic and optical properties of surfaces, surface plasmons; Physics of thin films and multilayer structures; Physics of atomic clusters and nanostructures; Fullerenes and nanotubes; MEMS and NEMS; Chemical reactions on the surfaces and nanocatalysis; Heat and mass transfer in nano and microstructures; Radiative properties of nanomaterials; New experimental and theoretical methods for studies of surfaces and nanostructures.

More detailed information on the conference is available on conference web-page:

<http://www.yf-ftian.ru/icmpsn/maineng.htm>

Abstract submission deadline is 15 April 2012. Registration on the web site is now opened.

We will appreciate you for distribution of this information among your colleagues.

Welcome to Yaroslavl!

Sincerely, Organizing Committee of ICMPSN2012