

International Symposium

Spin Waves 2011

St. Petersburg, Russia, June 12-18, 2011

<http://www.ioffe.ru/optics/SW2011>

First Announcement

International Symposium on Spin Waves will be held in Saint Petersburg, June 12-18, 2011. It is organized by the Russian Academy of Sciences, Institute of Physical Problems, Ioffe Physical-Technical Institute and Institute of Radioengineering and Electronics. We send our warmest wishes for the coming New Year and kindly invite you and your colleagues to take part in the Symposium. Please forward this information to any and all interested parties. Second announcement and registration form will follow in one month.

Overview

Since the sixties the Symposium on Spin Waves was held biannually in St. Petersburg and aimed to provide opportunity for discussion of the last advances in fundamental research of dynamical behaviour in various magnetically ordered materials. Next year the Symposium will highlight the modern problems and novel trends in magnetism with a special emphasis being put on spin dynamics. The Symposium will include discussions on the recently emerged research topics such as ultrafast phenomena of spin dynamics, current-induced and external-field-induced spin dynamics, electromagnons, spin dynamical behaviour in nanostructures, layered and multiferroic structures, X-ray and neutron probe of magnetism, and others. Recent advances in spintronics, spin-wave devices, magnetic and magneto-optical recording technology, as well as the prospects of exploiting the spin dynamical phenomena for ultrafast recording and processing of information will be discussed.

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