



Second Announcement

XIV International Feofilov Symposium on Spectroscopy of Crystals Doped with Rare Earth and Transition Metal Ions

October 18-21, 2010

St. Petersburg

**Symposium is held in the framework of the VI International Optical Congress
“Optics –XXI century”**

Organizers:

*St. Petersburg State University of Information Technologies, Mechanics and Optics
A.F. Ioffe Physical Technical Institute of RAS, St. Petersburg
D.S. Rozhdestvensky Optical Society, Russia
Council on Spectroscopy of Atoms and Molecules, RAS*

Cooperating Organizations:

*A.M Prokhorov General Physics Institute of RAS, Moscow
S.I. Vavilov State Optical Institute, St.Petersburg*

Expected Sponsors

*Russian Federation Ministry of Education and Science,
Russian Foundation for Basic Researches (RFBR),
St. Petersburg State University of Information Technologies, Mechanics and Optics (ITMO)
and others*

Symposium honorary chairs:

Vasiliev V.N.

St. Petersburg State University of Information Technologies, Mechanics and Optics,

Osiko V.V.

A.M Prokhorov General Physics Institute of RAS, Moscow

Symposium chairs:

A.A. Kaplyanskii

A.F. Ioffe Physical-Technical Institute of RAS, St. Petersburg

N.V. Nikonorov

St. Petersburg State University of Information Technologies, Mechanics and Optics,

Program committee

T.T. Basiev (Moscow) - co-chair
G. Boulon (Lyon)
G.N. Gerasimov (St. Petersburg)
V.L. Ermolaev (St. Petersburg)
S.P. Feofilov (St. Petersburg)
A.A. Kaminskii (Moscow)
A.A. Kaplyanskii (St. Petersburg) - co-chair
B.Z. Malkin (Kazan)
V.G. Maslov (St. Petersburg)
S.B. Mirov (Birmingham, AL)
A.E. Nikiforov (Ekaterinburg)
Yu.V. Orlovskii (Moscow)
E.A. Radzhabov (Irkutsk)
A.I. Ryskin (St. Petersburg)
V.A. Smirnov (Moscow)
A.M. Tkachuk (St. Petersburg)

Local organizing committee

A.S. Rokhmin (ITMO, St. Petersburg) – chair
E.B. Bruiy (ITMO, St. Petersburg) – vice-chair
A.B. Kutsenko (PTI, St. Petersburg) – vice-chair

Symposium secretary

A.S. Rokhmin (ITMO, St. Petersburg)
Rokhmin@oi.ifmo.ru

Background

The XIV-th Feofilov symposium continues a sequence of symposia started in 1965. The first nine symposia were held as national meetings. The X-th (St. Petersburg, 1995), XI-th (Kazan, 2001), XII-th (Ekaterinburg 2004) and XIII-th (Lake Baikal 2007) symposia were held with international participation.

Scope

The symposium includes all aspects of theoretical and experimental studies of the phenomena related to the f- and d- ions in condensed matter. Relevant areas of research include condensed matter physics, material sciences and the novel instrumentation required to carry out such research.

Main Topics of the symposium are: f- and d- ions in crystalline and non-crystalline insulators and semiconductors, energy transfer, electron-phonon interaction, dynamics and relaxation of excited states, charge transfer phenomena and charge ordering, cooperative processes, coherent phenomena, optical - microwave spectroscopy, spectroscopy of magneto-concentrated crystals, spectroscopy of nanocrystals, probing of organic and bio-materials, nonlinear spectroscopy, solid-state lasers, scintillators, phosphors, crystallochemical aspects of developing of new materials.

Location

The Symposium will be held in St.Petersburg city center. St. Petersburg has earned the reputation of being one of the most beautiful cities in the world thanks to its unique architectural ensembles of

streets, canals and squares. St. Petersburg is a city of beautiful baroque and classical palaces and buildings. There are more than 100 museums in the city and its suburbs, including the Hermitage - one of the world's largest collections of art. St. Petersburg is the home of the famous Russian classical ballet school and numerous ballet and opera theaters that will be available during conference time. Symposium will take place at a time, when several cultural events (musical and theatrical shows and artistic exhibits) will happen here.



Aerial view of the Symposium site

The Symposium language will be English

The Symposium program will include oral and poster sessions

All potential participants are encouraged to pre-register by sending an email to the Symposium Secretary

Important Dates:

Deadline for abstracts submission – June 10, 2010

Invitations sent to participants - July 2010

Hotel reservation and visa application deadline – 10 August 2010

Final program - October 1, 2010

Opening of the VI International Optical Congress “Optics –XXI century” – October 18, 2010 (St. Petersburg, Kronverkskiy 49)

Symposium opening – October 19, 2010 (St. Petersburg, Vasiljevskiy Island, Birzhevaya Linija 4)

Abstract submission

Abstracts are limited in length to one or two pages of A4 format paper (21.0 x 29.7) with 2.5 cm margins from all sides.

Recommended style specifications:

Title: 16-point Times New Roman Bold, centered, one blank line after.

Authors: 12-point Times New Roman, centered, name of the presenting author underlined, skip one line after the authors list.

Affiliations: 12-point Times New Roman Italic, centered, skip one line after affiliations.

Body text: 12-point Times New Roman, single spacing, justified, paragraphs separated by a blank line, not indented.

Figure captions: 11point Times New Roman.

References: 11-point Times New Roman. Please use square brackets for reference citation.

The Abstract book will be black and white only, so photos should be high contrast grayscale.

All abstracts should be submitted to the Symposium website.

Registration:**The registration fees for the Symposium are:**

Regular* - 300€

CIS/СНГ - участники - 3000 руб.

CIS/СНГ - студенты - 1000 руб.

Accompanying person* - 150 €

Please kindly be aware that no financial support will be provided for the Invited Speakers. All participants are required to register for the conference.

*including visa support, hotel reservation, airport transfer and social program.

Method of payment:

- wire transfer to the bank account: banking details will be published at the Symposium site,

- by cash during the registration at the Symposium.

Symposium Website: www.feofilov.oi.ifmo.ru

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