

FIRST ANNOUNCEMENT and CALL FOR PAPERS

Euler International Mathematical Institute, St. Petersburg Department of Steklov Institute of Mathematics RAS, St. Petersburg Mathematical Society, Faculty of Mathematics and Mechanics of SPbGU organize the Conference

TOPOLOGY, GEOMETRY, AND DYNAMICS: ROKHLIN MEMORIAL

January 11-16, 2010 Saint Petersburg, Russia

Dedicated to the 90th anniversary of the birthday of
Vladimir ROKHLIN (1919 - 1984)

PROGRAM COMMITTEE

V. Buchstaber, H. Furstenberg, M. Gromov, F. Hirzebruch, N. Netsvetsev, S. Novikov, S. Orevkov, D. Ornstein, S. Pilyugin, Ya. Sinai, S. Smale, V. Turaev, V. Vassiliev, A. Vershik (Chair), O. Viro.

LOCAL ORGANIZING COMMITTEE

A. Malyutin, N. Netsvetsev (Co-Chair), S. Pilyugin, Ya. Shibaeva (Secretary), A. Vershik (Chair), N. Zalesskaya (Secretary), M. Zvigel'skii.

Invited talks of the Conference will present modern problems, current state, and latest progress in areas related to Vladimir Rokhlin's mathematical activity.

MAIN SUBJECTS

Algebraic and differential topology; Algebraic, real algebraic, and Riemannian geometry; Smooth and symplectic dynamics; Ergodic theory; Applications.

The program will consist of 1-hour plenary talks, 45-minute section talks, and 25-minute communications. A special day for young mathematicians' talks is planned.

We are planning four sections:

1. Topology of manifolds and varieties.
2. Real algebraic geometry.
3. Riemannian and symplectic geometry.
4. Dynamical systems and ergodic theory.

SUBMISSION OF ABSTRACTS AND TALKS

If you wish to submit a talk, please, submit an extended (up to two pages) abstract (either TeX or plain ASCII file, + a PDF file (!)) to rokhlin@imi.ras.ru before **November 15, 2009**. For more details see the Conference site (see below).

REGISTRATION AND VISA INFORMATION

You can register online using the Conference site (see below). If you need a Russian visa, you may also consult the Conference site. (Please, mind: getting a visa can take some time!!!)

CONFERENCE OFFICIAL WEBSITE

For detailed information about the Conference, registration, accommodation, etc. see <http://www.pdmi.ras.ru/EIMI/2010/tgd/index.html>.

Do not hesitate to contact the organizers via e-mail: rokhlin@imi.ras.ru.

On behalf of the Organizing Committee
Anatoly Vershik, Nikita Netsvetsev