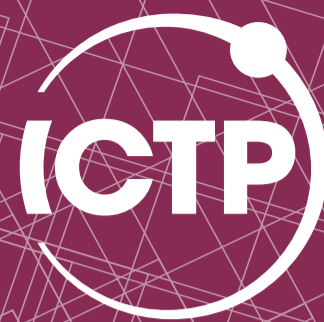


Workshop on Hyperbolic Dynamics

19 - 23 June 2017
Trieste, Italy



Further information:

Activity URL: <http://indico.ictp.it/event/7970/>

E-mail: smr3126@ictp.it

The Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste is organizing a Workshop in Hyperbolic Dynamics with an emphasis on topics that have benefited from the seminal contributions of Yakov Pesin, on the occasion of his 70th birthday.

Description:

The workshop will take place at ICTP, Trieste on 19-23 June 2017 and will include lectures by internationally renowned speakers who have led the progress in the field over several decades. There will be ample opportunities for interaction and discussion amongst participants of all levels of experience.

The workshop is organized in conjunction with a school in Hyperbolic Dynamics which will be held on 12-16 June 2017 at the Centro di Ricerca Matematica Ennio de Giorgi, Pisa, with mini-courses by D. Dolgopyat (Maryland), S. Luzzatto (ICTP), Y. Pesin (Penn State), F. Rodriguez-Hertz (Penn State) and some invited seminars. Details can be found on the website of the school at:

<http://crm.sns.it>.

Registration, participation and funding for the two events are independent of each other.

Topics:

- Uniform and nonuniform hyperbolicity
- Partial hyperbolicity
- Lyapunov exponents
- Ergodic Theory
- Thermodynamical formalism
- Dimension Theory
- Statistical properties of deterministic dynamical systems
- Decay of correlations
- Markov extensions and structures

How to apply:

Online application:
<http://indico.ictp.it/event/7970/>

Female scientists are encouraged to apply.

Grants:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.

Directors:

D. DOLGOPYAT, University of Maryland, U.S.A.

F. RODRIGUEZ-HERTZ, Penn State University, U.S.A.

O. SARIG, The Weizmann Institute of Science, Israel

Local Organizer:

S. LUZZATTO, ICTP, Italy

Workshop Speakers:

A. BROWN, University of Chicago, U.S.A.

L. BUNIMOVICH, Georgia Institute of Technology, U.S.A.

K. BURNS, Northwestern University, U.S.A.

J. BUZZI, Université Paris-Sud, France

M. DENKER, Penn State University, U.S.A.

D. DOLGOPYAT, University of Maryland, U.S.A.

A. GOGOLEV, Binghamton University, U.S.A.

M. HOCHMAN, The Hebrew University, Israel

H. HU, Michigan State University, U.S.A.

M. JAKOBSON, University of Maryland, U.S.A.

A. KATOK, The Pennsylvania State University, U.S.A.

S. KATOK, The Pennsylvania State University, U.S.A.

K. KHANIN, University of Toronto, Canada

C. LIVERANI, University Roma Tor Vergata, Italy

S. LUZZATTO, ICTP, Italy

S. MARMI, Scuola Normale Superiore Pisa, Italy

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