



One-Parameter Semigroups of Operators (OPSO) 2022 Online Conference

Second Announcement Letter

Dear Colleagues!

On behalf of International Laboratory of Dynamical Systems and Applications I cordially invite you, your colleagues and students to take part in the One-Parameter Semigroups of Operators (OPSO 2022) Conference held by the Higher School of Economics (HSE). The conference will be devoted to study of one-parameter families of mappings and measures, interplay between linear dynamical systems in infinite-dimensional spaces and nonlinear dynamical systems in finite-dimensional spaces, quantum evolution, mathematical physics and related topics. Conference welcomes both communications on new research results as well as expository/overview talks.

Please keep in mind that the conference will be held really soon, so please be active in registration and inviting colleagues to do the same. Hope you will like OPSO 2022 even more than OPSO 2021. See you soon!

A short summary:

Working dates: 14 - 18 February 2022

Working time: 08:00 - 12:00 UTC+0 (e.g. London has UTC+0 time zone), there will be a recording of talks

Deadline for registration and abstract submission for contributed talks: 15 January 2022, **prolonged until 25 January 2022**

Deadline for abstract submission for invited talks: 21 January 2022, **prolonged until 25 January 2022**

Working language: English

Place: online via Zoom

Registration fee: no charges

Book of abstracts: published on the website of the conference

Website: <https://nnov.hse.ru/bipm/dsa/opso2022>

Registration page: <https://nnov.hse.ru/bipm/dsa/opso2022/polls/533614087.html>

Email: opso-conf@yandex.ru

The conference will cover the following topics:

1. One-parameter groups and semigroups of linear operators;
2. Nonlinear flows and semiflows;
3. Interplay between linear infinite-dimensional systems and nonlinear finite-dimensional systems;
4. Quantum and stochastic evolutions, dynamical semigroups;
5. Further applications of semigroups in mathematical physics;
6. Infinite-dimensional analysis; there will be a special event dedicated to the memory of Oleg Smolyanov (08 February 1938 – 16 December 2021), Honored Professor of Lomonosov Moscow State University, who made valuable contribution to the field and left behind a large scientific school
7. Related topics.

Track for invited talks: upload the title of the talk and the name of inviting member of the Program Committee on the registration stage, the talk is automatically accepted, in two weeks before the conference starts upload the text of abstract, give a talk when scheduled.

Track for the speakers of OPSO2021: If you participated in OPSO 2021 conference with an invited or contributed talk then you can write “OPSO 2021” as a name of inviting member of the Program Committee and your talk will be automatically accepted.

Track for contributed talks: upload the title and the text of abstract on the registration stage, wait until it is confirmed by a member of the Program Committee, after successful decision the talk is accepted, give a talk when scheduled.

Organization Committee:

Ivan Remizov (chairman), HSE (Russia, Nizhny Novgorod City)

Oleg Galkin (vice chairman), HSE (Russia, Nizhny Novgorod City)

Jochen Glueck (vice chairman), University of Passau (Germany)

Ksenia Dragunova (vice chairman), HSE (Russia, Nizhny Novgorod City)

Alexander Vedenin, HSE (Russia, Nizhny Novgorod City)

Anna Smirnova, HSE (Russia, Nizhny Novgorod City)

Anna Ivanova, HSE (Russia, Nizhny Novgorod City)

Elena Alekseeva, HSE (Russia, Nizhny Novgorod City)

Victor Alfaro Pérez, HSE (Russia, Nizhny Novgorod City)

Program Committee:

Luigi Accardi, University of Rome Tor Vergata (Italy)
Grigory Amosov, Steklov Mathematical Institute (Russia)
Wolfgang Arendt, Ulm University (Germany)
Jacek Banasiak, University of Pretoria (South Africa)
Jochen Glueck, University of Passau (Germany)
John Gough, Aberystwyth University (UK)
Vyacheslav Grines, Higher School of Economics (Russia)
Alexander Holevo, Steklov Mathematical Institute (Russia)
Yana Kinderknecht (Butko), TU Brunschweig (Germany)
Sonia Mazzucchi, University of Trento (Italy)
Valter Moretti, University of Trento (Italy)
Hendra Nurdin, University of New South Wales (Australia)
Olga Pochinka, Higher School of Economics (Russia)
Ivan Remizov, Higher School of Economics (Russia)
Vsevolod Sakbaev, Keldysh Institute of Applied Mathematics (Russia)
David Seifert, Newcastle University (UK)
Nikolai Shamarov, Lomonosov Moscow State University (Russia)
Evgeni Shavgulidze, Lomonosov Moscow State University (Russia)
Sascha Trostorff, Christian-Albrechts-Universität zu Kiel (Germany)
Dmitry Turaev, London Imperial College (UK)
Mikhail Volkov, Ural Federal University (Russia)
Alyona Zamyshlyeva, South Ural State University (Russia)
Sergey Zelik, University of Surrey (UK)

We cordially invite you, your colleagues and students to take part in the One-Parameter Semigroups of Operators (OPSO 2022) Conference. If you have any questions please contact us via email opso-conf@yandex.ru

The information above is correct on the current date: 11th January 2022. The information presented on the website of the conference always has the highest priority.

Best wishes,

Ivan Remizov, Chairman, OPSO 2022 Conference Organization Committee