

Dynamics days in Lanzhou

September 12th -22th , 2023, Lanzhou, China



Seminar on International Cooperation in the Field of Dynamics

(动力学相关领域国际合作讲习班)

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The seminar on dynamics will be held in Lanzhou (Lanzhou University) from September 12th -22th , 2023. The aim of this workshop is to bring together experts working on analysis of PDEs, dissipative dynamics, theory of dynamical chaos, operators theory and so on to share their research experiences and innovative ideas, and to focus on the cross integration between different directions within these fields. In particular, it will discuss the key issues that need to be addressed in relevant fields and the key directions for the development of this field in the coming years. The seminar is organized by the School of Mathematics and Statistics of Lanzhou University and the Center of Infinite Dimensional Dynamical Systems of Zhejiang Normal university.

动力学相关领域国际合作讲习班将于 2023 年 9 月 12 日至 22 日在兰州大学举行。本次讲习班的目的是将从事偏微分方程、耗散动力学、动力学混沌理论、算子分析等领域的部分专家聚集在一起，通过讲授短课的形式，分享他们的研究经验和创新思想，并专注于这些领域内不同方向之间的交叉融合。特别是，本次讲习班将讨论相关领域需要解决的关键问题以及未来几年该领域发展的部分方

向。本次讲习班由兰州大学数学与统计学院和浙江师范大学无穷维动力系统中心共同组织。

Topics:

- Analysis of PDEs
- Dissipative Dynamics: attractors, inertial manifolds, etc.
- Theory of dynamical chaos
- Theory of operators

List of invited speakers:

Aleksandr Gonchenko

Lobachevsky State University of Nizhny Novgorod & National
Research University Higher School of Economics, Nizhny Novgorod,
Russia

Alexey Kazakov

University Higher School of Economics, Nizhnij Novgorod, Russia

Efrosiniia Karatetskaia

University Higher School of Economics, Nizhnij Novgorod, Russia

Alexey Ilyin

Keldysh Institute of Applied Mathematics, Moscow, Russia

Anna Kostianko

Zhejiang Normal University, China & Imperial College London, UK

DongChen Li

Imperial College London, UK

Nataliya Stankevich

University Higher School of Economics, Nizhnij Novgorod, Russia

Dominic Stone

University of Surrey, UK

Dmitry Turaev

Imperial College London, UK

Polina Vytnova

University of Surrey, UK

Sergey Zelik

Zhejiang Normal University, China & University of Surrey, UK & HSE

Nizhnij Novgorod, Russia & Keldysh RAN, Moscow, Russia

Organizing Committee:

Anna Kostianko (Imperial College London, a.kostianko@imperial.ac.uk)

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Registration:

September 12th, 2023, Lanzhou Hotel (兰州饭店)