

The Ladyzhenskaya Lecturer 2023

Professor Ari Laptev (Imperial College London, UK)



Ari Laptev was born in 1950. He has got PhD in Leningrad State University in 1978. He is Professor of Pure Mathematics, Imperial College London (since 2007), Scientific director of the Sirius Mathematical Centre (since 2019).

He is a member of the Royal Swedish Academy of Sciences and of Academia Europea, a Fellow of the European Academy of Sciences (EurASc). From 2007 till 2010, he was the President of the European Mathematical Society.

Title of the Lecture: A survey on current results in Theory of Lieb-Thirring inequalities.

Abstract: About two months ago, jointly with R.Frank and T.Weidl, I published the book "Schrödinger Operators: Eigenvalues and Lieb-Thirring Inequalities" printed by Cambridge University Press. We shall discuss some results from this book that reflect the modern state of art from this area of Analysis and Mathematical Physics. The book appeared in the series Cambridge Studies in Advanced Mathematics.

The Lecture will be held at the meeting of the V.I. Smirnov Seminar on Mathematical Physics on March 6, at 16-30 (St. Petersburg time) in Zoom.