外国专家系列学术讲座
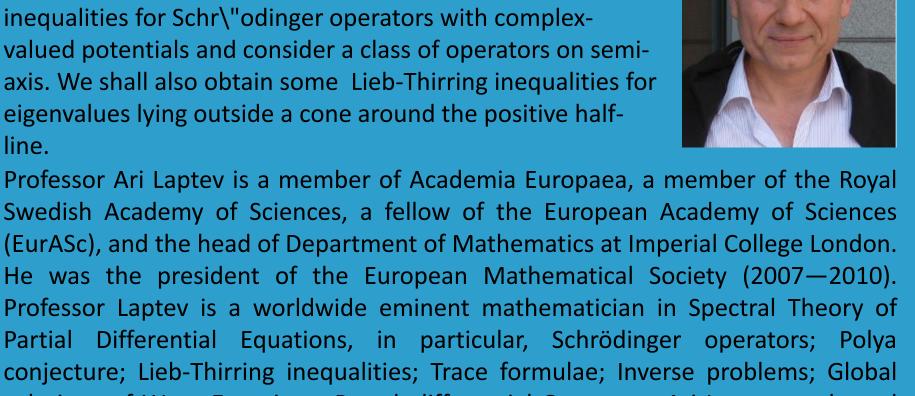
Title：Spectral inequalities for non-self-adjoint Schr\"odinger operators II

Professor Ari Laptev，Imperial College of London

Abstrac：We shall continue considering spectral inequalities for Schr\"odinger operators with complex-valued potentials and consider a class of operators on semi-axis. We shall also obtain some Lieb-Thirring inequalities for eigenvalues lying outside a cone around the positive half-line.

Professor Ari Laptev is a member of Academia Europaea, a member of the Royal Swedish Academy of Sciences, a fellow of the European Academy of Sciences (EurASc), and the head of Department of Mathematics at Imperial College London. He was the president of the European Mathematical Society (2007—2010). Professor Laptev is a worldwide eminent mathematician in Spectral Theory of Partial Differential Equations, in particular, Schrödinger operators; Polya conjecture; Lieb-Thirring inequalities; Trace formulae; Inverse problems; Global solutions of Wave Equations; Pseudodifferential Operators. Ari Laptev graduated from Leningrad State University and obtained his PhD in 1978. In 2001-2003 Prof. Laptev was the President of the Swedish Mathematical Society. In 2007 he received the Royal Society Wolfson Research Merit Award. He was the Director of Institut Mittag-Leffler between 2011 and 2018. He was the Editor-in-Chief of *Acta Mathematica*, the Deputy Chief Editor of *Journal of Spectral Theory*, the Editor of *Bulletin of Mathematical Sciences*, and the Editor of *Problems in Mathematical Analysis*.

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时间：2023年11月30（从11月23-12月4日每周星期一、星期四）19：00--21：30

地点：Zoom ID: 824 9333 0623

链接 https://us06web.zoom.us/j/82493330623

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