外国专家系列学术讲座

2023
MATHEMATICS

Title：Berezin, Li&Yau inequalities on manifolds and groups

Professor Ari Laptev，Imperial College of London

Abstrac：We shall discuss spectral inequalities for Dirichlet Laplacians on different manifolds including spheres, torus, and Heisenberg groups and discuss some open problems.

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*.

主办单位：北京理工大学数学与统计学院、国际交流合作处

时间：2023年10月26日（星期四） 19：00--21：00

地点：**Zoom ID:** 822 0781 1182
链接 https://us06web.zoom.us/j/82207811182

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