

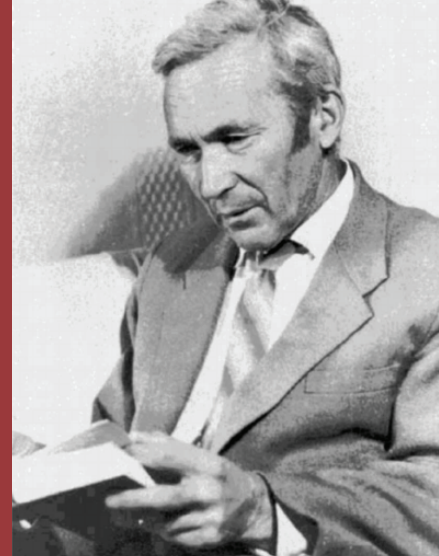


INTERNATIONAL
CENTRE for
THEORETICAL
SCIENCES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

ICTS-KOLMOGOROV SYMPOSIUM

Andrey Nikolayevich Kolmogorov (1903-1987) was one of the influential figures of 20th century mathematics whose work has had a profound impact on many fields of science including probability theory, harmonic analysis, topology, dynamical systems, turbulence, computational complexity theory, and mathematics education. The ICTS - Kolmogorov Symposium is dedicated to current research in the diverse areas that Kolmogorov contributed to.



$$\frac{\partial P_{ik}(s, t)}{\partial s} = - \sum_j A_{ij}(s) P_{jk}(s, t) = -A_{ik}(s) * P_{ik}(s, t)$$

$$\frac{\partial P_{ik}(s, t)}{\partial t} = \sum_j A_{jk}(t) P_{ij}(s, t) = P_{ik}(s, t) * A_{ik}(t)$$

On the occasion of A.N. Kolmogorov's 120th Birthday the symposium will feature talks by leading researchers in the fields where Kolmogorov had an impact on in its early stages.

Program schedule

Opening

2:50 pm-3:00 pm



• Hao Wu (Tsinghua University) - **Probability Theory** - 3:00 pm-3:30pm



• Samriddhi Sankar Ray (ICTS-TIFR) - **Turbulence** - 3:30 pm-4:00 pm



• Prahladh Harsha (TIFR, Mumbai) - **Complexity** - 4:00 pm-4:30 pm



• Amit Apte (ICTS-TIFR, currently on lien at IISER, Pune) - **Dynamical Systems** - 4:30 pm-5:00 pm



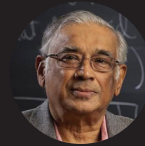
• Alison Etheridge (Oxford University) - **Probability Theory** - 5:00 pm-5:30 pm



• Riddhipratim Basu (ICTS-TIFR) - **Probability Theory** - 5:30 pm-6:00 pm

Memories and Overview

6:00 pm-6:30 pm



• SRS Varadhan (Courant Institute of Mathematical Sciences, NYU) - **Probability Theory**



• K.R. Parthasarathy (Indian Statistical Institute) - **Probability Theory**

2:50 pm, 25 April 2023

Organiser - Siva Athreya

ONLINE <https://www.icts.res.in/lectures/AGR2023>