SRINIVASA RAMANUJAN

Srinivasa Ramanujan was born in 1887 in Erode, Tamil Nadu, India. He grew up in poverty and hardship. Ramanujan was unable to pass his school examinations, and could only obtain a clerk's position in the city of Madras. However, he was a genius in pure mathematics and essentially self-taught from a single text book that was available to him. He continued to pursue his own mathematics, and sent letters to three mathematicians in England, containing some of his results. While two of the three returned the letters unopened, G.H. Hardy recognized Ramanujan's intrinsic mathematical ability and arranged for him to go to Cambridge. Hardy was thus responsible for making Ramanujan's work known to the world during the latter's own lifetime. Ramanujan made spectacular contributions to elliptic functions, continued fractions, infinite series, and analytical theory of numbers. His health deteriorated rapidly while in England. He was sent home to recuperate in 1919, but died the next year at the age of 32.

RAMANUJAN PRIZE

In 2005 the Abdus Salam International Centre for Theoretical Physics (ICTP) established the Srinivasa Ramanujan Prize for young mathematicians from developing countries, named after the mathematics genius from India. This Prize is awarded annually to a mathematician under 45.

Since the mandate of ICTP is to strengthen science in developing countries, the Ramanujan Prize has been created for mathematicians from those regions.

Ramanujan is the quintessential symbol of the best in mathematics from the developing world; naming the Prize after him honours his memory and the archievement of the Prize recipients.

The Prize is funded by the Department of Science and Technology (DST) of the Government of India and administered jointly by ICTP, DST and the International Mathematical Union. The Prize carries a $15,000 cash award. The Prize is given with the provision that the prize money be used to support the research of the recipient. The selection committee is formed by members of all three institutions.

RAMANUJAN PRIZE SCULPTURE

The Ramanujan Prize sculpture is an exact miniature replica of the statue of Srinivasa Ramanujan that is kept in the ICTP Marie Curie Library. The bronze bust of Ramanujan was donated to ICTP by the SASTRA University in India, where the original bust is kept.

A CELEBRATION OF MATHEMATICS

DST - ICTP - IMU 2022
RAMANUJAN PRIZE CEREMONY

ICTP
13 April 2023

The Abdus Salam International Centre for Theoretical Physics

Department of Science and Technology of the Government of India

International Mathematical Union (IMU)

2022 RAMANUJAN PRIZE CITATION

Mouhamed Moustapha Fall, Professor and President of the African Institute for Mathematical Sciences (AIMS) in Senegal, has been awarded the 2022 DST-ICTP-IMU Ramanujan Prize for Young Mathematicians from Developing Countries for his outstanding work in the theory of Partial Differential Equations. Fall's research has given important contributions to the classical theory of constant mean curvature hypersurfaces in Riemannian manifolds, its extension to the nonlocal case and its connection to the general theory of fractional partial differential equations.

The 2022 Ramanujan Prize Selection Committee consisted of:

Prof. G. Rangarajan

Prof. T. Toro

Prof. P. Nang

Prof. A. Wade

Prof. L. Gottsche (Chair)

2022 RAMANUJAN PRIZE CEREMONY

DST-ICTP-IMU Ramanujan Prize Ceremony Programme
13 April 2023, 14:00 - 16:00 CET

Programme

14:00 - 14:30	**Opening Remarks:** Prof. Atish Dabholkar, ICTP Director H. E. Macky Sall, President of Senegal (video message)
	Welcome remarks by: Mr. Sanjeev Kumar Varshney, Head, International Cooperation Division, Department of Science and Technology (DST), Government of India (online)
	H.E. Dr. Neena Malhotra, Ambassador of India to Italy (video message)
	Prof. Ulrike Tillmann, Vice President, International Mathematical Union (IMU)
	H.E. Dr. Papa Abdoulaye Seck, Ambassador of Senegal to Italy
14:30	**Introduction of Prize Winner by** Prof. Luigi Ambrosio (video message)
	Prize to Mouhamed Moustapha Fall
14:45	**Prize Lecture by Mouhamed Moustapha Fall**
	Q&A
	The ceremony will be moderated by Prof. Claudio Arezzo, Head, ICTP Mathematics Section
15:45	Refreshments (Leonardo Building Terrace or Lobby)