

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 achievement of the Prize recipients.

The Prize is administered jointly by ICTP and the International Mathematical Union (IMU) and carries a \$10,000 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 eminent mathematicians members of both 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

ICTP - IMU 2025 RAMANUJAN PRIZE CEREMONY

ICTP
9 December 2025



2025 RAMANUJAN PRIZE CITATION

Claudio Muñoz has been awarded the 2025 ICTP-IMU Ramanujan Prize for young mathematicians from developing countries for his fundamental contributions to dispersive partial differential equations. The award recognizes his remarkable work on the long-time behaviour of solutions to fundamental equations of mathematical physics, in particular on the asymptotic stability of soliton solutions and the dynamics of multi-solitons.

Muñoz is a professor at the University of Chile, a principal investigator at the Center for Mathematical Modeling (CMM), Chile and chargé de recherche on leave at the French National Council for Scientific Research (CNRS). His research interests are in nonlinear dispersive equations, a special class of partial differential equations that includes some of the most important equations of physics, such as the Schrödinger equation and the wave equation.

Muñoz studied at the University of Chile and obtained a PhD in mathematics from the University of Versailles Saint-Quentin, under the supervision of Yvan Martel and Frank Merle, followed by a postdoc at the University of Chicago, before becoming a professor at the University of Chile.

2025 RAMANUJAN PRIZE CEREMONY

ICTP-IMU Ramanujan Prize Ceremony Programme
9 December 2025, 15:00 - 17:00 CET

Programme

15:00	Opening Remarks Prof. Atish Dabholkar, ICTP Director
	Welcome remarks Prof. Christoph Sorger, Secretary General, International Mathematical Union (IMU)
15:20	Introduction of Prize Winner Prof. Jean-Claude Saut, Université Paris-Saclay
	Prize to Claudio Muñoz
15:35	Prize Lecture The asymptotic stability of kinks in scalar field models ' by Claudio Muñoz
	Q&A The ceremony will be moderated by Prof. Claudio Arezzo, Head, ICTP Mathematics Section
16:35	Refreshments (Leonardo Building Lobby)