ICTS Special Colloquium

Title : Euler's Zeta values

Speaker : Haruzo Hida (University of California, USA)

Date : Tuesday, 27 May 2025

Time : 3:00 PM (IST)

Abstract : We describe how Euler added up all positive integers into a mysterious fraction when he was 28 years old, and I try to legitimize his method "p-adically". This is a story of Number Theory from the 17th century on. We only need some knowledge of polynomials and fractions of polynomials and very basics of differentiation. If time allows, I enter into some results related to Ramanujan I found when I was 28 years old. For the results exposed here, a detailed proof can be found in my book: "Elementary Theory of L-functions and Eisenstein Series," LMSST vol. 26, 1993, Cambridge U. Press.

Venue : Ramanujan Lecture Hall
Zoom Link: https://icts-res-in.zoom.us/j/91950078429?pwd=7Wr8FEQ6p81atsNuakfiJZGL77FRXG.1
Meeting ID: 919 5007 8429
Passcode: 372122