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भारत सरकार के परमाणु ऊर्जा विभाग की एकस्वायत्त संस्थान एवं समविश्वविद्यालय
An Autonomous Institution of the Department of Atomic Energy of Government of India and a Deemed to be University

ICTS Algebra, Geometry and Physical Mathematics Seminar

Title : Maxfaces of Infinite Genus and Equivariant Minimal Surfaces in $\mathbb{CH}^2$

Speaker : Anu Dhochak (ICTS-TIFR, Bengaluru)

Date : Tuesday, 01 December 2026

Time : 4:00 PM - 5:00 PM (IST)

Abstract : In this talk, I will discuss maximal surfaces, the analogues of minimal surfaces in Lorentz–Minkowski space, and present a one-parameter family of quasi-periodic maxfaces of infinite genus. Next, I will talk about equivariant branched minimal surfaces in $\mathbb{CH}^2$ corresponding to a reductive representation of surface group into $\mathrm{PU}(2,1)$. Finally, I will briefly touch on constant mean curvature surfaces.

Venue : Feynman Lecture Hall
Zoom Link: https://zoom.us/j/96554520312?pwd=shNun4x0m4nRjEcx2M9ifxIPJNkVuo.1
Meeting ID: 965 5452 0312
Passcode: 202050a