

Introductory school on conformal field theories

School of Physical Sciences, Indian Association for the Cultivation of Science

18 -22 August, 2025

Venue: C. V. Raman Hall, main building, IACS (2nd floor)

Lecture schedule

Date	09:30 – 11:00		11:30-13:00		14:30-16:00		16:30-18:00
18.08.2025	B. Ezhuthachan	Tea	S. Das	Lunch	P. Dey	Tea	Tutorial
19.08.2025	B. Ezhuthachan	Tea	S. Das	Lunch	D. Das	Tea	Tutorial
20.08.2025	P. Dey	Tea	D. Das	Lunch	A. Kundu	Tea	Tutorial
21.08.2025	A. Kaviraj	Tea	A. Sen	Lunch	A. Kundu	Tea	Tutorial
22.08.2025	A. Kaviraj	Tea	A. Sen	Lunch			

Lectures:

Diptarka Das	CFT on the torus and 2D bootstrap
Suchetan Das	Aspects of 2d cfts without and with boundaries
Parijat Dey	Introduction to higher dimensional CFT
Bobby Ezhuthachan	Introduction to 2D CFTs
Apratim Kaviraj	Conformal perturbation theory and conformal bootstrap
Arnab Kundu	Fine-grained information in 2d CFT: spectrum and entanglement
Arnab Sen	Emergence of conformal symmetry in critical lattice models

NB:

- **Registration at 9:00 am** on 18.08.2025 in front of the C. V. Raman Hall
- **School dinner on 20.08.2025** from 19:00 hrs at Raman Arena (1st floor)

Any change in the schedule will be announced during the school