

Coiled coil Proteins and Other Helical Assemblies

IISER Pune | 27 February 2026

Venue: Seminar Room 52, 4th Floor, Main Building | Time: 9:00 – 18:00

Schedule

Introductory remarks		09:00 09:15
Prof. Ben Luisi	Switchable helical assemblies in allosteric systems	09:15 10:00
Prof. R. Sowdhamini	Actin tropomyosin interactions	10:00 10:45
<i>Tea</i>		<i>10:45 11:15</i>
Dr. Radha Chauhan	Role of coiled-coil domain containing Nups in nuclear pore complex Architecture	11:15 12:00
Animesh Chaurasia	Analysis and visualization of coiling patterns in coiled coil proteins	12:00 12:30
<i>Lunch: First floor, Dining Hall Complex</i>		<i>12:30 14:00</i>
Dr. Sarita Puri	Mechanism of helical amyloid formation from a native immunoglobulin fold	14:00 14:45
Dr. Kiran Kulkarni	Structural Basis of Rho GTPase specificity of DOCK GEFs; Cross talk of helical lobes	14:45 15:30
Apurba Das	Coiled coil domain in bacterial chemosensory signal transduction	15:30 16:00
<i>Tea</i>		<i>16:00 16:30</i>
Prof. Saikrishnan Kayarat	Allosteric regulation of an ATP-dependent restriction enzyme by its N-terminal helical domain	16:30 17:15
Prof. M. S. Madhusudhan	COCONUT: An analysis of coiled-coil regions in proteins	17:15 18:00