

## Talks by External Speakers

Speaker	Institution	Title of the Talk	Date
aProf. Sanjit Mitra and Prof. Rana Adhikari	Inter University Centre for Astronomy & Astrophysics	"Internship and Collaboration Opportunities with LIGO-India	22-08-2016
Prof. Arnab Bhattacharya	Tata Institute for Fundamental Research, Mumbai	"Let there be Light"- from oil lamps to LEDs	17-11-2016
Prof. Arnab Bhattacharya	Tata Institute for Fundamental Research, Mumbai	"How to give a bad talk"	17-11-2016
Prof. Sibashish Ghosh	Institute of Mathematical Sciences, Chennai,	"On unitary dilation of open quantum system dynamics"	23-02-2017
Prof. Bindu Bambah	University of Hyderabad	"Physics of the big and the small"	28-02-2017
Prof. Keisuke Hatada	University of Toyama, Japan	Full Potential Multiple Scattering Theory with space-filling scattering sites for X-ray absorption spectroscopy	23-08-2017
Dr. Mani Chandra	Quazar Technologies, New Delhi	The Electron Fluid in Solid State Devices	25-10-2017
Padma Sri. Prof. Mustansir Barma	TIFR Centre for Interdisciplinary Sciences, Hyderabad	Random Walks in Physics	02-11-2017
Prof. Avinash Deshpande	Raman Research Institute, Bengaluru	Sky Watch Array Network (SWAN)	06-01-2018
Prof. A.Gopakumar	Tata Institute of Fundamental Research, Mumbai	An Au-some cosmic explosion and its implication for 21st century Astronomy	06-01-2018
Prof. Aranya Bhuti Bhattacharjee	Jawaharlal Nehru University, New Delhi	Measuring finite-range phase coherence in an optical lattice using Talbot Interferometry	09-01-2018
Dr. J. Avyaya Narasimham	National Aeronautics & Space Administration, USA	Spin orbit effects in $\beta$ -Tungsten	06-02-2018
Prof. Pallab Basu	International Centre for Theoretical Sciences, Bangalore	Complex Langevin dynamics and large-N gauge theories	22-02-2018
Prof. Ananth Sudharshan	Indian Institute of Science Education & Research, Pune	Space-time and Quantum Mechanics	23-02-2018
Prof. Maulik Parikh	Arizona state University	Detection of Gravitational Waves	19-01-2018
Prof. Ramesh Thamankar	Vellore Institute of Technology	SINGLE MOLECULAR ELECTRONICS: A NEW PARADIGM	10-03-2018
Prof. J.V.Narlikar	Inter University Centre for Astronomy & Astrophysics, Pune	Search for Extraterrestrial life	16-03-2018
Prof. Abhay Ashtekar	Pennsylvania State University	Big Bang, Black Holes and Gravitational Waves Illustrations of Paradigm Shifts in Fundamental Science	08-01-2019
Prof. Sunil Mukhi	Indian Institute of Science, Education and Research, Pune	Let's Not Lose Our Temper: The Value of Science	28-02-2019
Prof. Rajesh Gopakumar	International Centre for Theoretical Sciences, Bengaluru	The legacy of Stephen Hawking	28-02-2019
Prof. Jayant Murthy	Indian Institute of Astrophysics	To the Moon and Beyond: A Neil Armstrong Retrospective and Perspective	20-08-2019
Dr Parnika Das	Variable Energy Cyclotron Centre, Kolkata	Penning Ion Trap	18-09-2019
Dr Pravata Mohanty	Tata Institute of Fundamental Research, Mumbai	Recent discovery results from GRAPES-3 cosmic ray observatory	16-10-2019
Dr Prabhat Pujahari	IIT Madras	An Odyssey through our Universe -- from the 'Big Bang' to the 'Little Bang'	17-10-2019
Prof. Richard de Grijs	Macquarie University, Australia	Is bigger always better? The quest for the next-generation extremely large telescopes	21-11-2019

Prof. Ramakrishna Podila	Laboratory of Nano-biophysics, Department of Physics and Astronomy, Clemson University, USA	Stories from the Nano-bio lab at Clemson University	17-03-2022
Prof. Mayank N. Vahia	Former Professor, Tata Institute of Fundamental Research (TIFR), Mumbai	Science in Ancient India - An evaluation of the claims	19-4-2022