

UM-DAE CEBS Colloquia during Academic Year 2021-2022

The list of colloquia held during Academic year 2021-2022 is reproduced below. The colloquia were organized either in virtual mode or in hybrid mode.

Date	Name of the Speaker and Title of the Talk
31 August, 2021	Prof. Vijay Singh, UM-DAE CEBS 'The Saga of Indian Science Olympiad'
07 September, 2021	Prof. Dipendra Prasad, IIT-B 'The Riemann Zeta Function and its Generalizations'
14 September, 2021	Dr. Deboyoti Chakraborty, CSIR-Institute of Genomics 'From cells to tissues to organs to organ systems: Dissecting molecular regulators of development'
28 September, 2021	Dr. Rajendra Agarkar, Medical Advisor, UM-DAE CEBS 'COVID safety precautions'
05 October, 2021	Prof. Mahan Maharaj, Tata Institute of Fundamental Research 'Percolation on a hyperbolic background'
12 October, 2021	Dr. Bishakhdatta Gayen, University of Melbourne/IISc Bangalore 'The dominant role of convection and turbulence in the ocean: A new understanding of global ocean circulation'
26 October, 2021	Prof. M. S. Raghunathan, UM-DAE CEBS 'Geometry's intervention in arithmetic'
02 November, 2021	Prof. Étienne Ghys, CNRS and the French Academy of Sciences 'Playing with light'
02 November, 2021	Prof. Robert Janssens, University of North Carolina at Chapel Hill, USA Shape coexistence in nuclei far from stability: A Fingerprint of specific nucleonic correlations
09 November, 2021	Prof. Amita Das, IIT Delhi 'The novel regime of interaction of lasers with magnetized plasma'
16 November, 2021	Prof. Maria Kavalaris, University of New South Wales, Australia 'Drug delivery for the treatment of children's cancer'

23 November, 2021	Prof. Anindya Datta, IIT Bombay 'Excited state phenomena in fluorogenic molecules and semiconductor nanocrystals'
07 December, 2021	Prof. Siddhartha Mishra, ETH, Zurich, Switzerland 'Deep learning for partial differential equations'
08 February, 2022	Prof. Mahesh Kakde, Department of Mathematics, IISC, Bengaluru 'Stark Conjectures'
15 February, 2022	Prof. J. P. Mittal, Distinguished Professor and Chair, Academic Board, UM-DAE CEBS 'Breaking Bonds to Order-A Dream Still Alive?'
22 February, 2022	Prof. Pradeep Kumar PI, Department of Chemistry, IITB 'Topology-specific stabilization of G-quadruplex DNAs using designer molecules'
01 March, 2022	Prof. V. K Jain, Director, UM-DAE CEBS 'The Chip Crisis-A Eureka Moment'
15 March, 2022	Prof. Neena Gupta, Statistics and Mathematics Unit, Indian Statistical Institute, Kolkata 'On Double Danielewski Surfaces and the Cancellation Problems'
22 March, 2022	Prof. Archana Sharma, BARC 'Electron accelerators for research and development'
29 March, 2022	Prof. Deepak Dhar, IISER Pune 'Geometrical Phase Transitions'
5 April, 2022	Prof. Vivek S. Borkar, IIT Bombay 'Who is the fairest of them all? (Spectral Ranking)'
12 April, 2022	Mr. Bharat Joshi, Security Officer, TIFR 'Lecture on fire fighting and its safety'
19 April, 2022	Prof. Satyajit Rath, Department of Biology, IISER Pune 'Lessons from misunderstanding immunity'
26 April, 2022	Prof. Rajakumar Balla, IIT Madras 'Laser spectroscopic tools in understanding atmospheric chemistry'

