



86TH ANNUAL MEETING

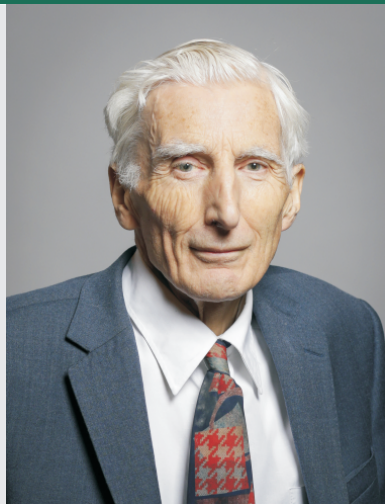
6-8 November, 2020

**6 NOVEMBER
2020 (FRIDAY)
18:00-19:00PM | IST**

“The world in 2050 and beyond”

By Lord Martin Rees, FRS

University of Cambridge, UK



Lord Martin Rees is a leading astrophysicist as well as a senior figure in UK science. He has conducted influential theoretical work on subjects as diverse as black hole formation and extragalactic radio sources, and provided key evidence to contradict the Steady State theory of the evolution of the Universe.

Martin was also one of the first to predict the uneven distribution of matter in the Universe, and proposed observational tests to determine the clustering of stars and galaxies. Much of his most valuable research has focused on the end of the so-called cosmic dark ages — a period shortly after the Big Bang when the Universe was as yet without light sources.

As Astronomer Royal and a Past President of the Royal Society, Martin is a prominent scientific spokesperson and the author of seven books of popular science. After receiving a knighthood in 1992 for his services to science, he was elevated to the title of Baron Rees of Ludlow in 2005.

Lord Martin Rees is a Honorary Fellow of Indian Academy Sciences elected in the year 1991.

Participate via the link : <https://ias.webex.com/ias/onstage/g.php?MTID=eb02fe150c657de66949a467556709302>

Watch Live : <https://youtu.be/pRieSBYPYDg>

PUBLIC LECTURES

**7 NOVEMBER
2020 (SATURDAY)
18:00-19:00PM | IST**

**“Science & Technology in
post- Covid19 world”
by Jairam Ramesh**

Member of Parliament, Chairman of the Parliament's Standing Committee on S & T, Environment, Forests and Climate Change & former Union Minister

Jairam Ramesh is an Indian economist. He is a Member of Parliament (Rajya Sabha). Jairam Ramesh was Minister of Rural Development and Minister (additional charge) of the new Ministry of Drinking Water and Sanitation. He was previously the Indian Minister of State (Independent Charge) at the Ministry of Environment and Forests from May 2009 to July 2011.



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Watch Live : <https://youtu.be/dHquMMCzoCU>

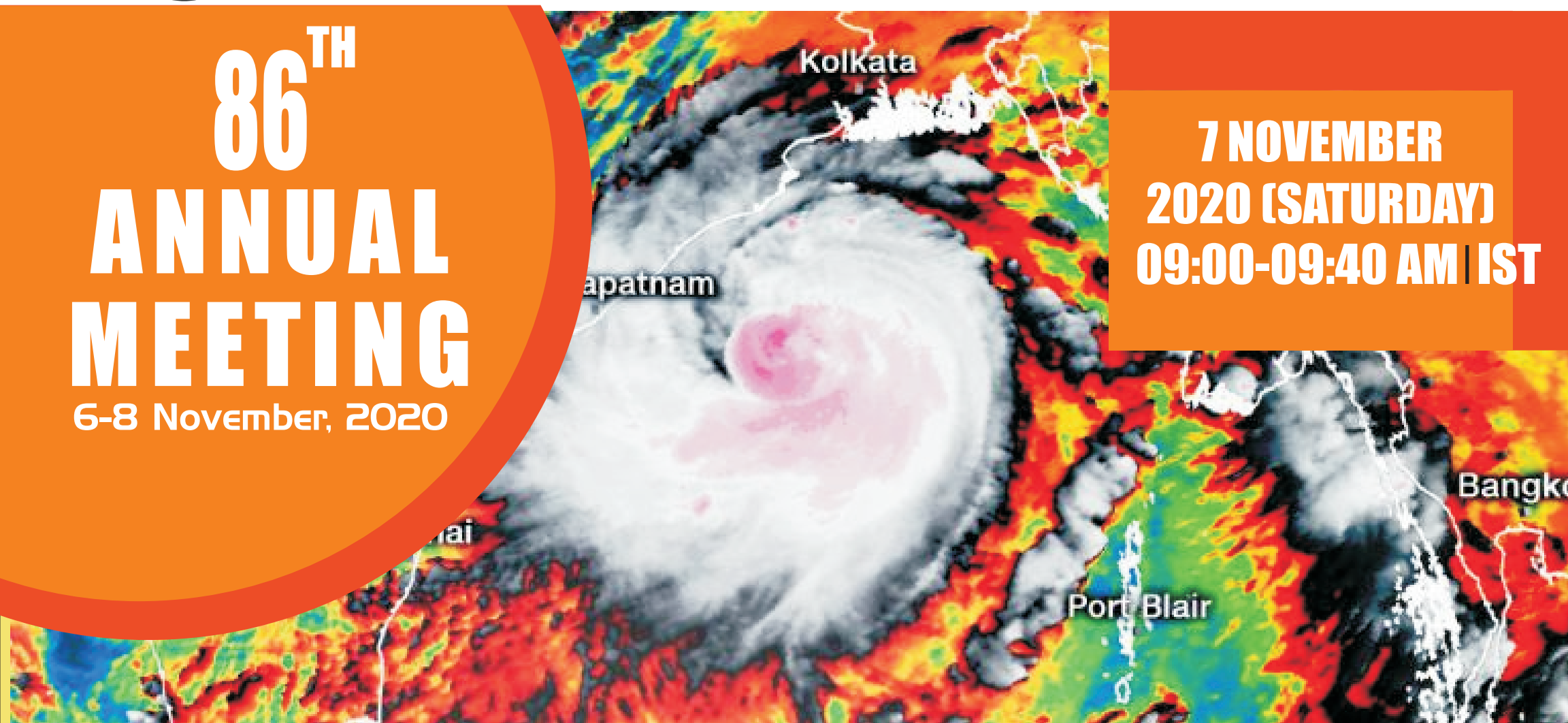


भारतीय विज्ञान अकादमी
INDIAN ACADEMY OF SCIENCES
Bengaluru 560 080



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MEETING**
6-8 November, 2020

**7 NOVEMBER
2020 (SATURDAY)
09:00-09:40 AM IST**



**Recent advances in
weather and climate prediction in India**
By **M. RAJEEVAN**

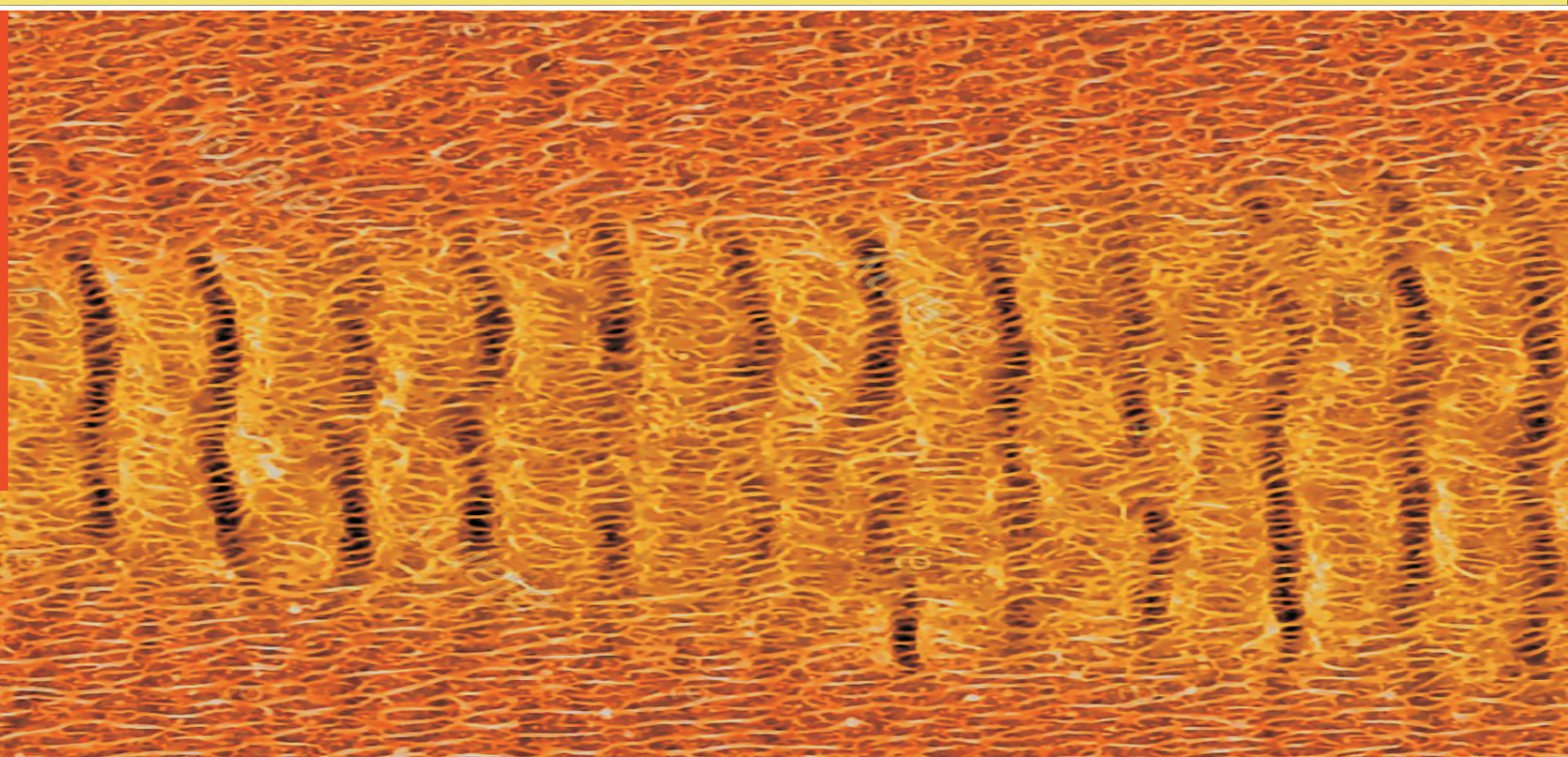
Ministry of Earth Sciences, Govt. of India, New Delhi

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Watch Live : <https://youtu.be/pRieSBYPYDg>

SPECIAL LECTURES

**8 NOVEMBER
2020 (SUNDAY)
10:30-11:30 AM IST**



**Semiconductor nanowires for optoelectronics,
energy and neuroscience applications**
By **C. JAGADISH**

Australian National University, Canberra, Australia

Participate via the link : <https://ias.webex.com/ias/onstage/g.php?MTID=e9be64ee9906ee9d2667e1de7aabb6c31>

Watch Live : https://youtu.be/Jxbbj6_iqNM



86TH ANNUAL MEETING

6-8 November, 2020

“QUANTUM TECHNOLOGY”

Organized by
URBASI SINHA & VIBHOR SINGH
6 NOVEMBER 2020 (SATURDAY) 15:30-17:30 PM IST

15:30-16:00 -	KAVITA DORAI, IISER, Mohali Nuclear magnetic resonance as a testbed quantum processor	16:30-17:00 -	VIBHOR SINGH, IISc, Bengaluru Electromechanical device with a transmon qubit
16:00-16:30 -	MADHU THALAKULAM, IISER, Thiruvananthapuram Charge amplification approaching the quantum limit	17:00-17:30 -	URBASI SINHA, RRI, Bengaluru Photonic quantum science and technologies

Participate via the link : <https://ias.webex.com/ias/onstage/g.php?MTID=eb02fe150c657de66949a467556709302>
Streaming Link : <https://youtu.be/pRieSBYPYDg>

SYMPOSIUM

“RARE GENETIC DISORDERS”

Organized by
SUDHA BHATTACHARYA, JNU, NEW DELHI
7 NOVEMBER 2020 (SATURDAY) 10:50-13:00PM IST

10:50-11:20 -	V.M. KATOCH, JIPMER, Puducherry Rare Genetic Diseases in India : Unmet Needs, Challenges and Opportunities	12:20-12:50 -	KRISHNA M. ELLA, Bharat Biotech Limited, Hyderabad Translational and Manufacturing of Viral Vectors for Gene Therapy to Correct Genetic Disorders
11:20-11:50 -	MEENAKSHI BHAT, Centre for Human Genetics, Bengaluru Rare Genetic Diseases in India: an overview and experiences from one centre	12: 50 -	Discussion
11:50-12:20 -	SOUVIK MAITI, Institute of Genomics & Integrative Biology, Delhi FELUDA ^{SCD} - FnCas9 editor linked uniform detection assay for sickle cell disease		

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Streaming Link : <https://youtu.be/dHquMMCzoCU>