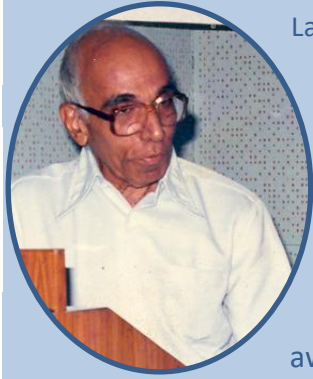




आईआईटीएम की 46वीं 'प्रो. आर. अनंतकृष्णन' वार्ता IITM's 'Prof. R. Ananthakrishnan' Colloquium (46th)



Late Prof. R. Ananthakrishnan (Ex-Director and Honorary Fellow of IITM, Pune) started his research career as a research scholar in the field of light scattering under the guidance of Nobel Laureate Prof. C.V. Raman and was awarded D.Sc. in 1937 from

University of Madras. Then he joined IMD and occupied several positions up to DDG and then he worked as Director IITM during 1968-1971. He was awarded Padmashree by President of India in 1969 and Nobel Laureate Prof. C.V. Raman Centenary Medal in 1988. He was elected as an INSA Fellow in 1961 and was also member of many learned and professional societies like (Indian Academy of Sciences, Maharashtra Academy of Sciences). He was associated with many technical committees and working groups of WMO Geneva. He was editor of reputed national and international journals in Meteorology.

Prof. R. Ananthakrishnan was deeply associated in organizing and teaching M.Sc./M.Tech. Courses in Meteorology at University of Cochin and University of Pune. Under his able guidance 12 persons were awarded Ph.D.

Research contribution of Prof. R. Ananthakrishnan covers wide range topics viz. Light Scattering and Raman Effect, Solar Physics and Meteor Astronomy and Meteorology. In the field of Meteorology he covers: Aerology, Dynamics, Thermodynamics, Monsoon Circulation, Tracks of Storms and Depressions. Atmospheric pressure and oscillations, Indian Rainfall and features associated with onset of southwest monsoon and identification of errors in upper air data. To meet defense needs he organized the publications entitled 'Climatology of Himalayas, Tibet and adjoining areas'. There are 110 national/international (research papers/technical contributions) papers to his credit and a book entitled 'An introduction to Meteorology'. This text book is found to be extremely useful to all the new comers in the field of meteorology. Prof. R. Ananthakrishnan pursued his research and guidance in atmospheric science even after his retirement as an Honorary Fellow of IITM till his last days.



Prof. Ralf Toumi

Title of the Talk: "The Dependence of Tropical Cyclone Pressure Tendency on Size"

Prof. Toumi was awarded his PhD from the University of Cambridge. He was then appointed a temporary lecturer in the Chemistry Department in Cambridge and a Fellow in Physical Chemistry at Christ's College. In 1994 he moved to the Physics Department at Imperial College as a Lecturer, promoted to Professor of Atmospheric Physics in 2005 and was Head of the Space and Atmospheric Physics Group (2014-2020). Since 2020 he has been the Co-director of the Grantham Institute-Climate Change and Environment. Awards include the Phillip Leverhulme Prize for "Scholars of Outstanding Distinction" (2002), a Merit Award by Imperial College for outstanding achievement in research (2004), a Royal Society Industry Fellowship (2006-2010) and a NERC Knowledge Exchange Fellowship (2009-2012) on adaptation in the energy sector. Significant services to the community were as Co-chair of Adaptation Services in the Climate KIC (2013-2015) and co-authoring and reviewed many international reports such as WMO Ozone Assessments, SPARC and IPCC Reports. He has served on the ESA mission advisory and the European Commission Climate Services Road Map groups. He is advisor to the WMO Asia-Pacific Typhoon Collaborative Research Center and on the board for the Japan typhoon dropsonde program. Commercial interactions include being a founding director of OASIS LMF Ltd which is promoting open access catastrophe modelling for the insurance sector and others. He is Co-Investigator in the UK Centre for Greening Finance and Investment. Over his career his research has covered a wide range of topics in climate science, atmospheric chemistry and physics. He has supervised 34 PhD students and leads the largest research group on tropical cyclones in Europe.

<https://youtube.com/live/yv9l3qtbQw8?feature=share>

Date: 25th July 2023, 1130 hrs