



# Tata Institute of Fundamental Research

## Alumni Association



### TAA-National Science Day Public Lecture

#### Remote sensing of the earth and the moon

by Dr. R. R. Navalgund, Director, Space Applications Centre, Ahmedabad

Remote sensing is the science of making inferences without coming into physical contact with the object under study. The speaker will explain the basic concepts of remote sensing satellites built and flown by India. Space-borne instruments have been extensively used in many applications, such as agriculture, forest status, water resources, the tracking (advance/retreat) of glaciers, infrastructure development, cyclone track-prediction, ocean state, weather-forecasting, climate change etc.

#### About the speaker:

Dr. Ranganath R. Navalgund is well known for his numerous contributions towards the growth and development of the Space Applications Programme since joining ISRO in 1977. He was elected President of the Technical Commission of the International Society for Photogrammetry and Remote Sensing (ISPRS) on Resource and Environmental Monitoring (2000-2004), and as the Chair of the Working Group of the International Academy of Astronautics on Disaster Management/Natural Hazards. During his tenure as Director, National Remote Sensing Agency (NRSA), Hyderabad, he was responsible for establishment of the Decision Support Centre, a unique facility to help disaster-monitoring and mitigation using space borne and airborne systems.

The numerous recognitions accorded to him include ISRO Outstanding Achievement Award, Distinguished Alumnus Award of TIFR in the Homi Bhabha Birth Centenary Year, Bhaskara Award, Outstanding Leadership Award of the International Society for Photogrammetry and Remote Sensing (ISPRS), ASI Award and the Maharana Udai Singh Award for Environment. Dr. Navalgund is Fellow of the Indian Academy of Sciences, Bangalore; Academician, International Academy of Astronauts; and Fellow of ISPRS, IGU, and ASI.



**Monday, February 28, 2011\***

at 4 p.m.

Homi Bhabha Auditorium

TIFR

Homi Bhabha Road

Colaba, Mumbai 400005

**\*National Science Day**