



JAWAHARLAL NEHRU PLANETARIUM

Bangalore Association for Science Education



A Special Lecture by

Prof. Gordon K. Squires

Astronomer & TMT Education, Outreach & Communications Lead,
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TOPIC:

**“ALL AROUND THE WORLD AND
THROUGH THE UNIVERSE”**

Date:

**February 21, 2015 (Saturday)
at 5:30 pm**

Venue:

**Jawaharlal Nehru Planetarium
Sri T Chowdaiah Road, High Grounds
Bengaluru – 560 001**

Abstract: Recent discoveries with current-generation telescopes from around the Earth and in space will be highlighted with a sneak-peak of how the next-generation Thirty Meter Telescope (TMT) will advance our understanding of the universe even further. TMT has entered the construction phase in Hawaii and across the TMT international partnership, with science operations scheduled to begin in the early 2020s. In this talk I will provide an update on the current status of TMT, discuss recent advances in Hawaii and around the world in the construction of TMT, and highlight the special nature of the unique partnership between India, the US, Canada, China, and Japan.

About the Speaker: Explore the universe with someone who was there when Pluto became a “dwarf planet”. Gordon K. Squires is an astronomer at the California Institute of Technology in Pasadena, California, USA working with the Thirty Meter Telescope, as well as NASA’s Spitzer Space Telescope, the Herschel Space Observatory, the Galaxy Evolution Explorer, NuSTAR, Kepler, WISE, and other space telescopes with Caltech and NASA involvement. His research explores the old, cold and distant universe – understanding how galaxies formed billions of years ago the nature of the dark matter and dark energy that fills space.

*** ALL ARE WELCOME ***