



JAWAHARLAL NEHRU PLANETARIUM

Bangalore Association for Science Education

A Special Lecture by
Prof. Ravi Subrahmanyan
Director, Raman Research Institute, Bengaluru

TOPIC:

“Radio Waves from the Early Universe”

Date:
May 10, 2015 (Sunday)
at 5:30 pm



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



Abstract:

Abstract: Astronomers see the history of the Universe in light from the distant past. The wavelength of that light is stretched by the expanding Universe and arrives at our telescopes at long wavelengths. At the longest wavelengths, Radio Astronomers see the Universe to greater distances and hence earlier times and hence closer to the Big Bang. Well before the formation of the first stars and galaxies, when the matter we see in the present day Universe was just gas, and there was no light, the structure of the Universe and the evolutionary history of the Universe of gas is even so visible to Radio Astronomers. We at the Raman Research Institute build imaginative Radio Telescopes that continue the quest of understanding the precise history of the transformation of gas in the early Universe to the present day galaxies and stars.

*** ALL ARE WELCOME ***