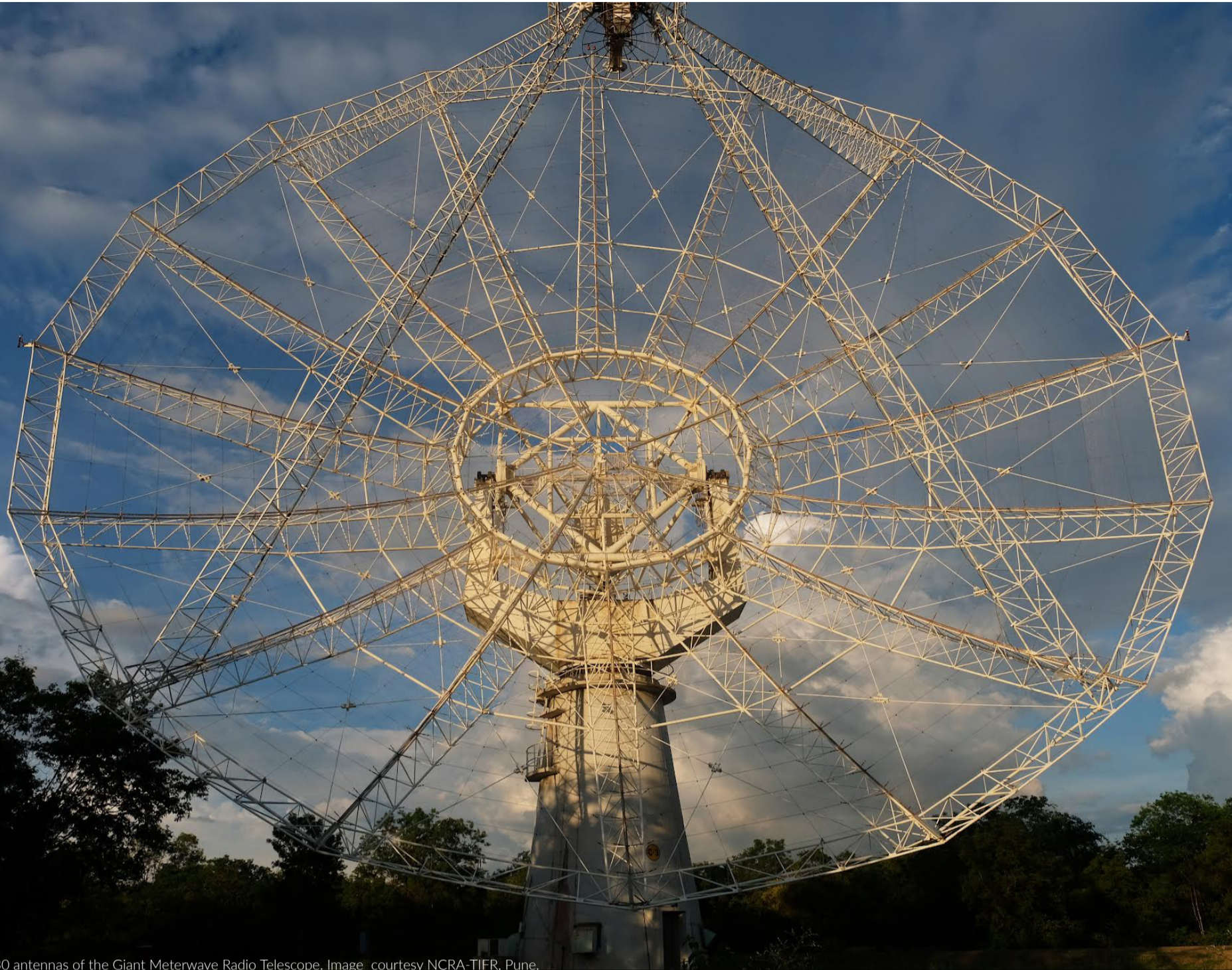




KAAP WITH KURIOSITY



One of the 30 antennas of the Giant Meterwave Radio Telescope. Image courtesy NCRA-TIFR, Pune.

The Imaging Story: black holes to MRI

A camera, or eye, transfers light from a point on the object to a corresponding point on the image. The best images are made very differently today, combining many measurements, each of which is not a picture at all. MRI and CT in medicine and pictures made by modern radio telescopes are all examples. The talk will bring out developments in optics, computation, and statistics which have made this progress possible.

4 pm, Sunday, September 17th, 2023
Jawaharlal Nehru Planetarium, Bengaluru

Registration Link: bit.ly/kwk_sep2023

Contact Email ID: outreach@icts.res.in



Rajaram Nityananda



Rajaram Nityananda obtained his PhD in physics from Bangalore University, in 1977, working in areas of optics and crystallography at the Materials division of the National Aerospace Laboratory. At the

Raman Research Institute, he worked mainly on theoretical problems in astronomy, relating to optics and dynamics, till the year 2000. This was followed by a decade at NCRA-TIFR (the National Centre for Radio Astrophysics of the Tata Institute of Fundamental Research,) in Pune. He then taught undergraduate physics at IISER Pune and the Azim Premji University in Bangalore. After moving to the ICTS-TIFR in 2022, he continues work on radio imaging and gravitational lensing.



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