



Pune Knowledge Cluster,
CODATA - National Committee
& The Indian National Science Academy
Present

A LIVE WEBINAR ON

BIG DATA & THE SQUARE KILOMETER ARRAY (SKA) TELESCOPE

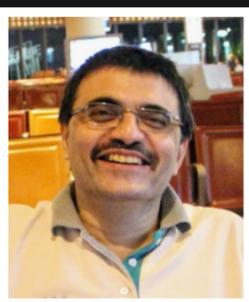
TUESDAY, 21 SEPT. 2021

4:00 PM



Astronomy is facing a tsunami of new data as a slew of new telescopes come online within this decade. Within these vast datasets, astronomers will search for rare objects (needles in the haystack) as well as trace statistical trends with samples of millions and even billions of celestial objects. The Square Kilometre Array is the largest radio telescope ever envisioned. It is now being built by an international consortium (which includes India) at two remote sites - one in Australia and another in South Africa.

Prof. Yogesh Wadadekar will describe how astronomers and engineers are working together to understand and solve challenging problems in data acquisition, transport, processing, delivery and visualisation of exabyte scale datasets.



SPEAKER:

PROF. YOGESH WADADEKAR

National Centre for Radio Astrophysics - Tata Institute of Fundamental Research, Pune, India

Chaired by:

Prof. G. C. Anupama

President, Astronomical Society of India

Former Senior Professor & Dean

Indian Institute of Astrophysics, Bengaluru, India

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The Pune Knowledge Cluster (PKC) has been established by the Office of the Principal Scientific Advisor to the Government of India. The aim is to bring together academia, R&D institutions and the industry of Pune and its surrounding regions to address the challenging problems of the region through innovative means, using scientific knowledge and engaging highly skilled human resources.

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