

Astro Club, IIITDM Kurnool cordially invites you to attend the webinar on

Lithium in stars

About Speaker

Prof. B Eswar Reddy is an astronomer and professor at Indian Institute of Astrophysics, Bengaluru. His area of specialisation is applying high resolution spectroscopy to understand stellar nucleosynthesis and Galactic evolution. He is currently programme director of India TMT programme and designated governor to the TMT project board of governors.

For more details:

<https://www.iiap.res.in/people/personnel/ereddy/reddy.html>

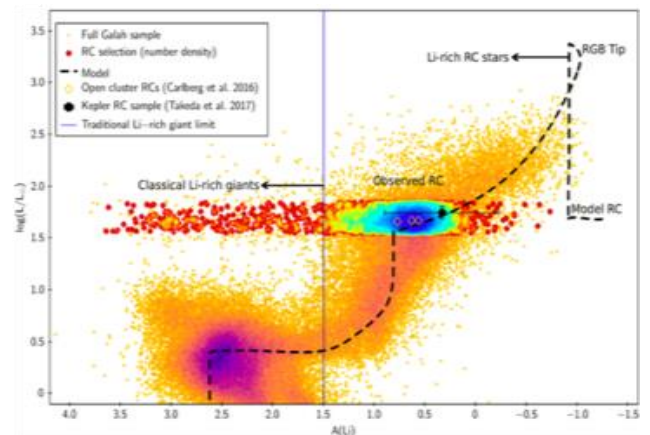


Talks on

i. LITHIUM IN STARS

Lithium is one of the three elements (H and He are two others) produced in the Big-Bang. Since its creation lithium content in the Universe is increased by four-fold, present research centred around understanding the source of lithium in the Universe. Speaker discuss this issue in the context of the present results.

<https://www.nature.com/articles/s41550-020-1139-7>



Popular Article about this work: <https://www.thehindu.com/sci-tech/science/a-forty-year-old-puzzle-about-the-stars-is-solved/article32024070.ece?homepage=true>

- ii. He will talk about the **Astronomy Facilities in India and future plans especially about Thirty Meter Telescope (TMT)** which will be the world's most advanced and capable ground-based optical, near-infrared and mid-infrared observatory. The TMT project is an international partnership between Caltech, Universities of California, Canada, Japan, China and India.

For more about TMT <https://tmt.iiap.res.in/about>

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Live streaming @ <https://youtu.be/KwNSh7gxILA>