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# 国台学术报告 NAOC COLLOQUIUM

## 2019 年 第 17 次 / No. 17 2019

Time: **Tuesday 2:30 PM, Sep. 17<sup>th</sup>** Location: **A601, NAOC**

## India's Astronomy Facilities: Current and Future

**Dr. Bacham Eswar Reddy**  
**Indian Institute of Astrophysics**



Dr. Reddy completed his Ph.D. in 1997 at Indian Institute of Astrophysics, Bengaluru, India. He spent 6 years in USA doing his post doctoral research work at Univ. of Texas, Austin and Valparaiso University. Presently, Dr. Reddy is a professor at his parent institute, IIA, Bengaluru. He is also the Director of India TMT center located at IIA, Bengaluru. His broad area of research is high resolution spectroscopy of stars which includes evolved stars such as RGB, AGB and post-AGBs. His two papers on Galactic thin and thick disk are noteworthy, and garnered citations of more than 500 each. His current interests are issues related to Li in red giants.

### Abstract

India has long tradition of astronomy spanning centuries. Modern astronomy based on instruments such as imagers and spectrographs began by setting-up of Kodaikanal solar observatory (KSO) in 1899 from which originates Indian Institute of Astrophysics (IIA), a premier institute for astronomy research in the country. IIA operates major optical and infrared facilities such as Vainu Bappu Observatory and Indian astronomical observatory in Western Himalayas. Apart from IIA, there are few other major astronomy institutes such as IUCAA, TIFR, PRL and ARIES conducting research in astronomy. In this talk I will provide bird's eye view of India's astronomy now, and its future plans of augmenting facilities.



*All are welcome ; Tea and coffee will be served at 2:15 PM.*