



Physical Research Laboratory, Ahmedabad

COLLOQUIUM - 13 – 21

Speaker: Prof. Ram Sagar
Director, Aryabhata Research Institute of Observational Sciences (ARIES),
Nainital.

Title: Upcoming 4-meter class optical telescopes at Devasthal Observatory

Abstract

Devasthal, located in the Kumaun region of Himalayas is emerging as one of the best optical astronomy site in the continent. Currently, a 130-cm fast and wide field of view optical telescope is operating at the site. By early 2014, a 4-m international liquid mirror telescope and a 3.6 meter new technology optical telescope shall become operational. Present status of these upcoming telescopes, key scientific projects to be taken with them, along with their first generation back-end instruments shall be presented in the colloquium.

The Speaker

Prof. Ram Sagar completed his M.Sc. (1973) and Ph.D. (1981) in Physics from University of Gorakhpur. He joined the U.P.State Observatory, Nainital in 1979, where he was the director during 1996-2000. Prof. Ram Sagar spent some time at the Kumaon University, Nainital, as faculty member in Physics Department during 1979-1986. He then joined and worked at the Indian Institute of Astrophysics, Bangalore until 2000, when he moved to Nainital, as the Director of the State Observatory there (2000-2004). He subsequently moved to the Aryabhata Research Institute of Observational Sciences (ARIES) in 2004 as its director. His areas of research interest are Star-formation and stellar evolution, Star clusters, GRBs, AGNs, Asteroseismology, Gravitational lensing and Atmospheric Physics. He is a Chief Editor of Journal of Astrophysics and Astronomy since 2013. Prof. Ram Sagar is a fellow of the Indian Academy of Sciences, Bangalore, India, National Academy of Sciences, Allahabad, India and Laser and Spectroscopic Society of India. He is a recipient of the Astronomical Society of India Young Astronomer's award (1983-84), the Royal Society, London, Commonwealth Bursary fellowship (1983-85), the Alexander von Humboldt Foundation German Research fellowship (1990), and Rajiv Gandhi Sadbhavana Award as Eminent Scientist of the year 2009. He has published over 225 research papers in refereed journals and another over 120 contributions in proceedings etc. His scientific work has been cited over 4000 times in the reputed peer reviewed journals.

Wednesday: 21 August, 2013, 16:00 hrs

K.R. Ramanathan Auditorium, PRL

Tea at 15:30 hrs

ALL ARE WELCOME