



School on 'Radar Probing of the Atmosphere'

8–22 November 2011

**Aryabhata Research Institute of Observational Sciences (ARIES)
Manora Peak, Nainital 263 129, India**

Aryabhata Research Institute of Observational Sciences (ARIES) is an autonomous research Institute, under the Department of Science and Technology, Govt of India is located in the foothills of Central Himalayas. Since the ARIES is going to establish and commission a Stratosphere Troposphere Radar (ST-Radar) that will be a unique system of this kind in the world, ARIES has decided to organize a DST-sponsored training school entitled: '**Radar Probing of the Atmosphere**', in the picturesque venue of the ARIES Campus at Nainital. The essential tutorial-lecture topics include (1) Introduction to physics and dynamics of the atmosphere, (2) Observational remote sensing techniques to probe the atmosphere, (3) Fundamentals of radar and (4) Signal processing, data retrieval and analysis.

Lectures will be delivered by the renowned experts from different Universities/Institutes in India. The school is aimed to attract young Ph.D./M.Sc. students in Physics/Atmospheric or Environmental or Space Sciences/Geophysics and B.Tech. students in Environmental or Electronics Engineering to the upcoming ST-Radar facility of the ARIES. Thus the students, who are attached to a research Institute/Laboratory/University, are invited to attend the school. All lectures are planned to be held at ARIES, Nainital. Local hospitality and to-and-fro travel support (AC-III tier railway/bus-fare of the shortest route) will be provided to all selected participants.

Application form for admission to the School and other related details can be downloaded from the ARIES website: <http://www.aries.res.in/>. Duly filled application must reach ARIES, Nainital, latest by **7 September 2011** electronically or a hard copy by post.

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