

as well as other solar mysteries. And the search goes on to unlock the tricks our Sun is performing.

Suggested Reading

- [1] K J H Phillips, *Guide to the Sun*, Cambridge University Press, 1992.
- [2] S M Chitre, *Resonance*, Vol. 7, No.8, pp.67-80, August 2002.
- [3] S N Ganguli, *Resonance*, Vol. 9, Nos.2 and 3, February and March, pp.8-22, 2004.
- [4] K Wilhelm, E Marsch, B N Dwivedi *et al.*, The Solar Corona above Polar Coronal Holes as seen by SUMER on SOHO, *Astrophysical Journal*, Vol. 500, No. 2, pp. 1023-1038, 1998.
- [5] A Mohan and B N Dwivedi, Why is the Sun's Corona so Hot? X-rays and Ultraviolet Emission from the Solar Atmosphere, *Current Science*, Vol. 81, No. 4, pp. 349-355, 2001.
- [6] B N Dwivedi and K J H Phillips, The Paradox of the Sun's Hot Corona, in the *Scientific American* special edition 'New Light on the Solar System', October 2003, pp. 4-11 (updated from the June 2001 issue).
- [7] B N Dwivedi (ed.), *Dynamic Sun*, Cambridge University Press, 2003.
- [8] T G Moran and J M Davila, *Science*, Vol.305, pp. 66-70, 2004.

Address for Correspondence

B N Dwivedi and A Mohan
Department of Applied
Physics
Banaras Hindu University
Varanasi 221005, India
Email:
bholadwivedi@yahoo.com



Information and Announcements

National Initiative on Undergraduate Science

Calling Scientists to visit HBCSE

Homi Bhabha Centre for Science Education (HBCSE), a National Centre of TIFR, Mumbai, has launched a major new programme aimed at nurturing talented undergraduates in basic sciences and promoting undergraduate student research in India. National Initiative on Undergraduate Science (NIUS) is to be implemented in academic collaboration with interested scientists of TIFR, BARC and other leading institutions/universities in the country. It is a natural sequel to the Olympiad programme in physics, chemistry, biology, mathematics and astronomy for which HBCSE is the nodal Centre of the country.

We invite scientists, especially young physicists, chemists, biologists (and those in allied fields) to visit HBCSE for a period ranging from a month to a year. The Centre is developing undergraduate research laboratories in a few selected areas. Likewise, some theoretical areas and problems will be identified that are suitable for review and protoresearch by undergraduate students. We expect visiting scientists to contribute to this effort. Interested scientists from national institutes, university and college teachers may write to Prof. Arvind Kumar, Centre Director, HBCSE, Tata Institute of Fundamental Research, VN Purav Marg, Mankhurd, Mumbai 400 088, stating (a) the period of intended visit, (b) the nature of work they propose to do at HBCSE, (c) names of two referees (for visits exceeding 3 months), and attaching a copy of CV. **Visit our website: <http://www.hbcse.tifr.res.in> for more details.**

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