
ANNOUNCEMENT

INDIAN ACADEMY OF SCIENCES GOLDEN JUBILEE MEETING OF THE ACADEMY 7-11 NOVEMBER 1984

The Golden Jubilee Meeting of the Academy will be held at Bangalore from Wednesday 7 November to Sunday 11 November 1984.

The tentative scientific program is as follows:
7 November 1984 (Chowdaiah Memorial Hall)
Inaugural function including Golden Jubilee Lecture by S. Chandrasekhar, Nobel Laureate (Foundation Fellow of the Academy), University of Chicago on 'Pursuit of Science: Its motivations'; Special lecture by M. G. K. Menon, Planning Commission, New Delhi; Unveiling of Ramanujan bust at the Raman Research Institute.

8 November 1984 at Faculty Hall, Indian Institute of Science, Bangalore. Symposium on 'Supernovae, Neutron Stars and Black Holes' (a) D. H. Clark, Space and Astrophysics Division, Rutherford Applications Laboratory, Chilton, Didcot, U.K. - 'Historical aspects of Supernovae' (b) V. L. Trimble, Department of Physics, University of California, Irvine, California, USA - 'The story of the Crab Nebula' (c) C. V. Vishveshwara, Raman Research Institute, Bangalore - 'Neutron stars and black holes' (d) E. P. J. van den Heuvel, Astronomical Institute, Roetersstraat 15, Amsterdam, The Netherlands - 'Manifestations of compact objects in binaries' (e) G. Swarup, Radio Astronomy Centre (T.I.F.R.), Ooty, - 'Quasars' (f) R. Nityananda, Raman Research Institute, Bangalore - 'Physical processes around black holes'; Special lecture by G. Srinivasan, Raman Research Institute, Bangalore - 'The most rapidly rotating stars'.

9 November 1984 at Faculty Hall, Indian Institute of Science, Bangalore. Symposium on 'Animal Communication' (a) Madhav Gadgil, Indian Institute of Science, Bangalore - 'On the communication of well being', (b) V. Nanjundiah, Tata Institute of Fundamental Research, Bombay - 'Communication, social behaviour and patterning in the cellular slime moulds', (c) A. S. Rand, Smithsonian Tropical Research Institute, Panama - 'Trade-offs in the evolution of frog vocalizations', (d) R. Gadagkar, Indian Institute of Science, Bangalore - 'Communication of kinship in social insects' and (e) M. K. Chandrashekar, Madurai Kamaraj University, Madurai -

'Communication and synchronization of biological rhythms in insectivorous bats'. Special lectures by (a) O. Siddiqi, Tata Institute of Fundamental Research, Bombay - 'Neurogenetics of chemical senses', (b) S. Chandrasekhar, Raman Research Institute, Bangalore - 'Hydrodynamic instabilities in liquid crystals', (c) M. M. Sharma, University of Bombay, Bombay - 'Excursions into multiphase reactions'.

10 November 1984 at Faculty Hall, Indian Institute of Science, Bangalore. Symposium on 'The Monsoons' (a) Peter J. Webster, Department of Meteorology, Pennsylvania State University, USA - 'Dynamics', (b) J. Shukla, Department of Meteorology, University of Maryland, USA - 'Predictability', (c) Sulochana Gadgil, Indian Institute of Science, Bangalore - 'Variability'. Special lectures by (a) G. Padmanaban, Indian Institute of Science, Bangalore - 'Gene basis for drug metabolism' (b) L. C. Padhy, Tata Institute of Fundamental Research, Bombay - 'Oncogenes and their function', (c) V. Krishnan, Indian Institute of Science, Bangalore - 'Biomimetic model reactions in photosynthesis' (d) S. R. Gadre, University of Poona, Pune - 'Electron density in chemistry' and (e) T. N. Guru Row, National Chemical Laboratory, Pune - 'Structure conformation and charge density studies by x-ray diffraction'.

11 November 1984 at Faculty Hall, Indian Institute of Science, Bangalore. Symposium on 'New Trends in Computers and Computing' (a) Peter Henderson, Department of Computing Science, University of Stirling, Scotland - 'Trends in programming languages and programming', (b) R. Narasimhan, Tata Institute of Fundamental Research, Bombay - 'Trends in artificial intelligence and knowledge', (c) Virendra Mohan, Semiconductor Complex, Chandigarh - 'Trends in LSI/VLI/microprocessors' and (d) R. Arvind, Massachusetts Institute of Technology, USA - 'Next generation of computers'. Special lectures by (a) D. Lal, Physical Research Laboratory, Ahmedabad - 'The role of atmospheric carbon dioxide in controlling the earth's climate' and (b) C. N. R. Rao, Indian Institute of Science, Bangalore - 'Adventures in solid state chemistry'.