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## ANNOUNCEMENTS

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### INTERNATIONAL CONFERENCE ON ERGONOMICS, OCCUPATIONAL SAFETY AND HEALTH, AND THE ENVIRONMENT

The International Conference on Ergonomics, Occupational Safety and Health, and the Environment is scheduled to take place during 24–28 October 1988 at Beijing, China. The Darling Downs Institute of Advanced Education, in conjunction with the Chinese Society of Metals, will conduct a conference that will examine worker health and productivity in the industrial and general environment.

The Conference will address four topic areas: ergonomics, occupational safety, occupational health and the environment. The last date for the receipt of abstracts is 30 October 1987.

Further particulars may be had from: Dr L. J. Barker, Director, Darling Downs Institute of Advanced Education, P. O. Box 44, Darling Heights, Toowoomba Qld 4350, Australia.

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### OPTICS-ECOOSA '88

OPTICS-ECOOSA '88 the major European Conference on Optics, Optical Systems and Applications (ECOOSA), will be held at the Metropole Hotel, Birmingham, UK, from 22-25 March 1988. The Conference is being organized by the Optical and Quantum Electronics Groups of the Institute of Physics and Cahners Exhibitions Ltd., and sponsored by the Optics and Quantum Electronics Division of the European Physical Society with the collaboration of SPIE and Europtica.

The Conference will comprise of the following TOPICAL AREAS for which contributions are solicited:

1. Optical materials and coatings, 2. Integrated and fibre optics, 3. Imaging, propagation and scattering, 4. Holography, 5. Laser spectroscopy, 6. Optical bistability and laser instabilities, 7. Optical pattern recognition, 8. Quantum optics, 9. Medical

applications, 10. Digital optics, computing and switching, 11. Optical image processing, storage and display, 12. Free electron lasers, 13. Laser in industry, 14. Phase conjugation, 15. New lasers, 16. Laser machining and material processing, 17. Optical design and instrumentation, and 18. Metrology and optical measurement.

Abstracts (300 words) typed on one side of A-4 paper should be submitted to the Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX, UK to arrive not later than 16 October 1987. All contributors are invited to submit their full papers for publication in a special issue of *Journal of Physics 'D' (Applied Physics)*.

Further details may be obtained from: The Meetings Officer, The Institute of Physics, 47 Belgrave Square, London SW1X 8QX, UK.

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### THE INDIAN SOCIETY OF EARTHQUAKE TECHNOLOGY (ISET) SILVER JUBILEE SYMPOSIUM

The ISET Silver Jubilee Symposium is organized to mark the Silver Jubilee of the Society. This will provide an opportunity for scientists and engineers to take stock of the research work done during the past 25 years in various aspects of earthquake technology and to outline future plans. This will also give opportunity for the members to review the activities of the Society during the past 25 years vis-a-vis the aims of Society and to decide what future role the Society should play nationally and

internationally for furtherance of the cause it stands for.

The Symposium will be held at Roorkee, the headquarters of the Society during 2–3 January 1988.

Further particulars may be had from: Dr H. R. Wason, Organising Secretary, ISET Silver Jubilee Symposium, Department of Earthquake Engineering, University of Roorkee, Roorkee 247 667.

## NATIONAL SYMPOSIUM ON ANIMAL METABOLISMS WITH SPECIAL REFERENCE TO POLLUTION

The above Symposium is organized by the Department of Zoology, Institute of Science, 15 Madame Cama Road, Bombay during 28-31 December 1987. The Symposium is sponsored by the University Grants Commission and the Department

of Science and Technology, Government of India.

Further particulars may be had from: Dr S. A. Suryawanshi, Convener, Department of Zoology, Institute of Science, 15 Madame Cama Road, Bombay 400 032.

## INDIAN ACADEMY OF SCIENCES, BANGALORE ASSOCIATES—1987

The following scientists have been selected as 'Associates' of the Academy for 1987.

1. Chitra Sarkar, All India Institute of Medical Sciences, New Delhi; 2. P. K. Ghosh, Alchemie Research Centre, Thane; 3. J. Gowrishankar, Centre for Cellular and Molecular Biology, Hyderabad; 4. P. K. Gupta, National Chemical Laboratory, Pune; 5. D. Home, Saha Institute of Nuclear Physics, Calcutta; 6. G. Marimuthu, Madurai

Kamaraj University, Madurai; 7. K. Pande, Physical Research Laboratory, Ahmedabad; 8. R. Pandit, Indian Institute of Science, Bangalore; 9. E. V. Sampathkumaran, Tata Institute of Fundamental Research, Bombay; 10. D. D. Sarma, Indian Institute of Science, Bangalore; 11. G. Sundararajan, Defence Metallurgical Research Laboratory, and 12. S. Vasudevan, Indian Institute of Science, Bangalore.

## INSA MEDAL FOR YOUNG SCIENTISTS—1988

INSA Medal for young scientists instituted in 1974 by the Indian National Science Academy, awarded annually are intended to honour talented young Indian scientists in recognition of their outstanding contribution in any branch of science or technology coming within the purview of the Academy. The work done in India by the nominees will be taken into consideration for the award.

The maximum number of awards will be fifteen. In case if in any year some exceptionally good candidates are available, it may exceed this number.

The age of the nominee shall be below 32 years on 31 December preceding the year of the award. Only those born on or after 1 January 1956 are eligible for consideration in 1988.

On the recommendations of the members of the Sectional Committees, selected candidates will be required to present their research work for consideration at the concerned Sectional Committee Meeting to be held in April 1988. The candidates called for the presentation of their work before the Sectional Committees are entitled to Second Class rail fare and per diem according to the Rules of the Academy.

The awardees will be selected by the Council of the Academy based on the advice of the Sectional Committee. The awards will be announced at the General Meeting of the Academy in August 1988.

The presentation of medals to the recipients will be made at the time of the Annual General Meeting of the Academy in October at the premises of the Academy, New Delhi.

The awardee will be presented a medal and a cash award of Rs. 5000/-. In addition, the recipient will be considered for a research grant by the Academy not exceeding Rs. 20,000/- per year, including a stipend for a JRF, for a period of three years for research work, provided the research proposal will be considered worthy of such support. Preferential consideration may be given under partial travel grant scheme for attending international conferences.

Candidates may be nominated by the Fellows of the Indian National Science Academy, as also by established scientific societies, University faculties and departments or research institutions. Nominations received in previous year(s) *will not be carried forward*.

The nomination papers (15 copies) signed by the proposer along with enclosures should be sent to the Executive Secretary, Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi 110 002 so as to reach latest by 15 November 1987. Nominations which are not complete or received after the due date shall not be considered.

## SEMINAR ON GEOTOMOGRAPHY

The above seminar will be held during 30–31 December 1987 at the Balakrishna Hall, National Geophysical Research Institute, Hyderabad.

The main topics to be discussed in the seminar are: Solid earth tomography—Whole earth applications; Tomography of the ocean; Tomography of the atmosphere; Tomography—Applications in exploration geophysics; Tomography—Space applica-

tions, and Instrumentation for tomography.

Abstracts are to be sent by 31 October 1987, and full papers by 30 November 1987. Further particulars may be had from: Dr D. Atchuta Rao, Hon. Secretary, Indian Geophysical Union, National Geophysical Research Institute, Hyderabad 500 007.

## INTERNATIONAL SYMPOSIUM ON UNDERGROUND ENGINEERING

The above Symposium is organized by Central Mining Research Station, Dhanbad, India.

The Symposium will be held at New Delhi from 14–17 April 1988. It is primarily meant to discuss the experiences on the activities of the underground construction all over the world with a view to learning from the experience of each other. There

will be seven technical sessions during the symposium. The first session will be devoted to invited lectures. In the remaining sessions the papers under different themes will be discussed.

For details please contact: Dr A. K. Dube, Assistant Director, CMRS Unit, Central Building Research Institute, Roorkee 247 667.

## INDIAN REVIEW OF LIFE SCIENCES

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Annual Subscriptions are follows:

Individual: Rs. 90/-; US \$ 15/-  
Institution: Rs. 150/-; US \$ 40/-

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