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## ANNOUNCEMENT

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### REGIONAL (SOUTH ASIAN) SEMINAR CUM WORKSHOP ON 'DATA STORAGE, RETRIEVAL AND DISSEMINATION IN SCIENCE, WITH SPECIAL REFERENCE TO CHEMICAL AND MOLECULAR BIOSCIENCES

The National Information Centre for Crystallography (NICRYS) at the Department of Crystallography and Biophysics, University of Madras, India will organize a Seminar-cum-Workshop from 18 to 23 January 1988 on the topic above.

The purpose of the seminar is to focus attention on the large scope of modern informatics involving data storage, retrieval and dissemination and the role they play in improving the quality and grade of scientific research. Special emphasis will be given to chemical and molecular biosciences and also use of hard data bases. Besides the use of these on large computers, data base management on PC's will also receive special attention in view of its possible large scale adoption in developing countries. So also the use of colour molecular graphics will receive special attention.

The selection will be from Chemical Sciences and Molecular Biosciences. In particular Cambridge Crystallographic structural data base and a few other Crystallographic data bases will form major components. In addition some of the data bases on spectroscopy, protein structure, nucleic acid sequence etc will also be covered.

Partial list of experts involved in database creation who will cover the topics are: 1. Dr D. G. Watson, UK (Cambridge Structural data); 2. Dr G. Bergerhoff, Bonn, West Germany (Inorganic data);

3. Dr John R. Rodgers, NRC, Canada (NBS Crystal data); 4. Dr D. K. Smith/Dr R. Jenkins, JCPDS, U.S.A. (Powder diffraction data); 5. Dr G. W. A. Milne, NIH, Bethesda, U.S.A. (Chemical information system/NMR/Mass spectroscopic data); 6. Dr R. J. Feldmann, NIH, Bethesda, U.S.A. (Protein structure and molecular graphics); 7. Dr R. Blattner, University of Wisconsin, U.S.A. (Nucleic acid sequence data); 8. Dr T. F. Koetzle, B.N.L., U.S.A. (Protein data); 9. Dr B. F. Lang, CNRS, France (Gene sequence), and 10. Dr H. Bilofsky, U.S.A. (Biotechnology, data bank). Some more additions to this list are expected.

About 45 participants from India and 15 from South Asian countries will be admitted. Persons with Master's degree in Science (Physics, Biophysics, Chemistry, Biochemistry, Molecular Biology) with background knowledge of modern computers and application will be selected. Application on plain paper giving full details and biodata, including a justification for attending the workshop along with two recommendations should reach NICRYS office by 30 September 1987.

Those selected will be informed by October 1987. Address all correspondences to Prof R. Srinivasan, Honorary Director, NICRYS, Department of Crystallography and Biophysics, University of Madras, Madras 600 025.

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