

SOCIETY NEWS

Five Meeting of the general council were conducted to transact business. The following members were admitted.

MEMBERS

1) Krishna Prasad Mukherjee
2) Dr. Tej. Bahadur Singh
3) Hari Prakash
4) George Mathew
5) Dr. Ahind Kumar Singh
6) Dr. Arvind Chintaman Ranade
7) Neeru Kaul (Ms)
8) Dr. M.K. Radhakrishnan
9) Dr. N.D. Tambat
10) Sanat Kumar Mukherjee
11) Jay Mohan Singh Dang
12) Y.P. Bhalla
13) Surendra Mohan Arora
14) D.M.K. Sharma
15) Dr. Rejat Abdul Hammed Mahmoud (Egypt)
16) K. Rama
17) Dr. Rajeev Jain
18) Dr. G.H. Thanki
19) K.S. Dattashivarama
20) Gagan G. Pathak
21) G.P. Muliyana

STUDENT MEMBER

1) Mahendra Nirmal Kumar Gargatti

A special general body melting was conducted on 28th January 1986 to consider and pass amendments to rules and regulation of the society to facilitate smooth working. The structure and fees structure of membership was suitably modified.

PERSONAL

Dr S.K. Narang, a governing council member and vice president of the society and the secretary of the local chapter of the society at Jemshedpur has been promoted to the post of scientist (Assistant Director) with effect from may 198.. He directs electrochemical research, specializing in electroplating and metal finishing. He graduated from punjab university, Chandigarh, took M.Sc. from Kurukshetra University, and Ph.D from Indian Institute of Science, Bangalore. He has both teaching and Industrial experience in addition to research experience. He is a member of many professional societies and Technical Committees and also a member of the editorial board of the Journal of the Electrochemical Society of India.

Forthcoming Conferences

Battery Society of India is holding a TECHNICAL MEETING ON DEVELOPMENT IN SEPARATORS FOR LEAD ACID BATTERIES in New Delhi on 3rd April 1986.

The Central Scientific Instruments Organization (CSIO), sector 30, Chandigarh-160020 is organizing a NATIONAL SEMINAR ON ENVIRONMENT POLLUTION CONTROL AND MONITORING during October 21-23, 1986.

The central Electrochemical Research Institute is conducting a TUTORIAL SYMPOSEUM ON CORROSION CONTROL IN FERTILIZER INDUSTRIES during July 24-27, 1986. The symposeum consists of lectures on processes, materials, and problems and various aspects of corrosion control. A visit to the corrosion testing station at Mandapam camp has also been programmed. For details contact Dr. K. Balakrishnan, Head Division of Corrosion Science and Engineering, CECRI, Karaikudi 623006.

The Society for advancement of Electrochemical Science and Technology and the Central Electrochemical Research Institute, Karaikudi is holding the FIFTH NATIONAL CONFERENCE ON POWER SERVICE BATTERIES AND FUEL CELLS in Bangalore during August 18-19, 1986.

On behalf of the International corrosion council, the Central Electrochemical Research Institute

will be organizing the 10TH INTERNATIONAL CONGRESS ON METALLIC CORROSION at Taj, Coromendel, Madras, India during November 7-10, 1987. The thematic topics are corrosion processes, Environmental aspects, material aspects like composition, microstructure, impurities, defects etc. Material effects like stress, fatigue, erosion, cavitation, fretting, enbrittlement etc. and corrosion control measures. Industrial problems in industries like fertilizer, petroleum, chemical, power plants, transport, buildings and bridges, food and leverages, metallurgical and marine are also dealt with.

There will be plenary lectures and panel discussion on selected topics of interest and importance.

Arrangements will be made for both oral and poster presentation. Space will be provided at the congress venue for display of equipments, products, literature etc. The proceedings of the congress will be published by oxford and IBH publishing Co New Delhi. All communications in this connection may be sent to

Prof. Dr. K.I. Vasu
Chairman, ICMC Organizing Committee,
Director, CECRI, Karaikudi 623006, India

The FIRST INTERNATIONAL SURFACE FINISHING EVENT IN THE U.S. is being held during July 13-16, 1987 at Mc cormic place Chicago, Il. AESFSUR/FIN'87 Chicago will act as a world surface finishing 'Super-Market'. By attending the technical conference and the comprehensive exhibit, one can survey the international market place, study new products & new equipments and learn about new Industrial Processes and Technological Developments. A call for papers is now in effect for the technical programme. All surface finishing topics of interest are welcomed. The title, 75-word abstract and draft paper for review may be sent to Mr Fred Clay, Bendix corp. Department 8165A-1 Box 1159, Kansas city, Mo 64141, USA.

For registration information contact Many Low Dowdel at AESF, 12644, Research Park Way, orlando, FL 32826.

Competition

In order to publicise the best in up-to-date zinc die castings, Zinc Development Association in London is organizing two competitions under the banner 'ZINCASTINGS 86'. The first competition concentrates on good engineering design. The second competition is looking for an innovative approach to design and imaginative use of the properties of zinc alloys. Entries are sought from product designers, industrial designers, material specialists and production engineers as well as die casters and those concerned with the design of dies together with students in any of these areas. Those intending to participate in this competition may please send their entries directly to zinc development association, 34, Berkeley Square, London WIX 6 AJ to reach them before 14 July 1986 with information of the Die casting Society of India B-6/7, shopping centre Safdarjung Enclave, New Delhi-110029

New Books

The international zinc coated sheet conference held at Munich on 13 June 1985 has just published the edited proceedings of the conference and this is availabe for sale with Indian Hot Dip Galvanizers Association No 7, Shopping centre, block B-6, Safdarjung enclave, New Delhi-110029.

Industrial Ceramics

Ebonex® , a newly-patented ceramic with high electrical conductivity, is a material that combines the ruggedness of ceramics with the conductivity of metals.

Unaffected by most acid or alkaline environments, it is relatively inexpensive (cost-effective even in highly price-sensitive applications); it is also non-toxic and therefore entirely suitable for medical devices, such as drug delivery systems and pacemakers.

Ebonex® can be formed or molded through use of any of the customary production techniques. The developers are making it available for licence arrangements, joint ventures and/or limited partnerships in research and development. Technologies involving specific applications to products in a wide variety of industries, based upon the inherent superior characteristics of the material, are continually being developed.

Among these is the purification/desalinization of water supplies and industrial wastes while avoiding the build-up or fouling of electrodes that so often results in "down-time" for cleaning or replacement.

Other applications allow for new design in fuel cells and batteries for military use and protection of steel structures where exposure to salt-water may present problems.

Technical details and samples, in both solid and powdered forms, are available, subject to prior excution of a "confidential disclosure" agreement, wherein the dissemination of Ebonex technical and related data provided by the developers to the potential licencee firm is restricted solely to those officials and/or employees whose work requires them to know it. For details contact David Feldman, International Trade Consultant, 402 North Pine Meadow Drive, Debary, FL 32713-2307, U.S.A.