

## VII INTERNATIONAL CONGRESS ON RHEOLOGY

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The Seventh International Congress on Rheology was held in Gothenburg, Sweden, at the Chalmers University of Technology from August 23 to 27, 1976, under the Presidentship of R. S. Marvin of U.S.A. The Congress was sponsored by 29 organisations including the Swedish Board of Technical Development. 775 participants from 25 countries registered themselves for the Congress. Prof. B. R. Seth from India presented a paper on the opening day on 'Generalized Measures in Rheology' and also presided over one of the technical sessions. Three papers presented at the Congress were based on his work. In all 468 papers were communicated in five parallel sessions. The topics dealt with included theory, fluids, polymers (melts, solids, solution, elastomers), food, suspensions, concrete and metals.

The participants were welcomed by H. Hansson, President of the City Council, S. Olving, Rector of Chalmers University of Technology and F. K. G. Odquist who paid glowing tribute to late M. Reiner, for his extensive contributions to Rheology. R. S. Marvin gave a brief history of the International Committee on Rheology and H. Markovitz gave the Boltzmann centenary address on "Boltzmann and

his superposition principle" in relation to the formulation of constitutive equations for linear viscoelasticity.

A number of general addresses and discussions took place, and the participants were: J. G. Oldroyd, G. Astarita, A. S. Lodge, J. Meissner, G. V. Vinogradov, F. H. Muller, D. R. Axelrad. Oldroyd, Astarita, Lodge, Meissner, Vinogradov, Muller, and Axelrad took prominent part. W. V. Chang, R. Bloch, N. W. Tschoegl and M. T. Shaw, by using Seth's generalised measure, explained experimental results on the extensional viscosity of polythene melts and other rheological materials.

The new concept of Rho-Genetics was introduced by L. Dintenfuss to show that significant differences exist in the blood rheology of cigarette smokers and non-smokers. It is found that smoking gives rise to elevated concentration of red cells, blood viscosity and plasma viscosity. There were a number of social functions including the Congress Banquet in the famous Langedrag restaurant. The Congress was highly educative and the delegates evinced a lot of interest in the various items of presentation. The next Congress in 1980 will be held in Italy.

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## ANNOUNCEMENTS

### AWARD OF RESEARCH DEGREES

Karnatak University, Dharwar, has awarded the Ph.D. degree in Chemistry to Shri Kakhandki Lachhappa Shivalingappa and Ph.D. degree in Botany to Shri Koppur Keshav.

The M.S. University of Baroda has awarded the Ph.D. degree in Physics to Shri John K. Wassly; Ph.D. degree in Chemistry to Shri Bhaskar Kumar Trikamal Thaker,

Marathwada University, Aurangabad, has awarded the Ph.D. degree in Botany to Shri Arunkumar M. Nahemiah.

Osmania University, Hyderabad, has awarded the

Ph.D. degree in Physics to Kumari K. G. Subadra; Ph.D. degree in Chemistry to Smt. Sushama Kandlikar.

Shri Venkateswara University, Tirupati, has awarded the Ph.D. degree in Chemistry to Shri K. V. Krishna Rao.

Utkal University, Bhubaneswar, has awarded the Ph.D. degree in Chemistry to Shri Umesh Chandra Mishra and Shri V. O. Kuruvila; Ph.D. degree in Anthropology to Miss Besanti Rath.

University of Cochin has awarded the Ph.D. degree in Marine Sciences to Shri P. P. Varghese.

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