

Dr. S. Sivaram  
Convenor - Polymers '91,  
National Chemical Laboratory,  
PUNE - 411 008, INDIA.

#### GENERAL INFORMATION

##### Submission of papers

★ Participants contributing papers are requested to provide an abstract (250 words) including title, authors and institutional affiliations on or before **May 31, 1990.**

★ Acceptance based on abstracts will be communicated to authors before **July 15, 1990** along with instruction sheets for preparing camera ready manuscripts.

★ The final camera ready manuscripts should reach the secretariat by **Sept. 15, 1990.**

#### REGISTRATION

The registration fee is  
US \$ 100 for foreign participants,  
Rs. 1,000/- for participants within India,  
Rs. 250 /- for delegates from Universities within  
India and  
Rs. 150/- for bonafide students.

#### VENUE

The symposium will be held at the National Chemical Laboratory, surrounded by young hills in the western outskirts of Pune. The town (population: 2 million) is situated at an altitude of 560 meters upon a plateau and is a prominent educational and industrial centre. January is cool by day and pleasantly chill at night.

Approximately 190 kms. away from Bombay, Pune is well connected by air, rail and road to most major cities.

#### Secretarial Address :

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Grams : CHEMISTRY

# **POLYMERS '91**

1-4 JANUARY 1991

**FIRST CIRCULAR**

**NATIONAL CHEMICAL LABORATORY,  
PUNE-411 008, INDIA**

## NATIONAL ORGANISING COMMITTEE

I.K.Varma (Chairperson, IIT,Delhi)  
J.S.Anand (IPCL,Baroda)  
O.P.Bahl (NPL, Delhi )  
M. Biswas (IIT,Kharagpur )  
R. Dasgupta ( PIL, Thane )  
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S.K.Gupta (IIT,Kanpur )  
P.Ghosh ( Calcutta University )  
H.Kothandaraman (Madras University )  
K. Kishore ( IISc, Bangalore )  
V.N. Krishnamurthi ( VSSC, Trivandrum )  
B.M. Mandal (IACS, Calcutta )  
M.H. Mehta ( GSFC, Baroda )  
A. Misra ( IIT, Delhi )  
V.M. Nadkarni ( NCL, Pune )  
S.N. Pal (SCTIMST,Trivandrum)  
C.K.S.Pillai (RRL, Trivandrum )  
M.V. Pandya ( IIT, Bombay )  
S.Rajadurai (CLRI, Madras )  
V.N. Rajasekharan Pillai (M.G. University, Kottayam )  
B.V. Ramani ( DRDO, Delhi )  
A.K. Srivastava ( HBTI, Kanpur )  
M. Srinivasan ( Shri Ram Fibres, Madras )  
M.M. Shirsalkar ( IICT, Hyderabad )  
M.K. Sridhar ( NAL, Bangalore )  
N.D.Sharma ( Sir Padampat Res. Ctr, Kota )  
Y.N. Sharma ( Reliance Petrochemicals Ltd. Bombay )  
S. Sivaram ( Convenor, NCL, Pune )  
S.H. Iqbal ( Treasurer, NCL, Pune )

## BACKGROUND

Polymers have emerged as an active discipline of modern science with wide implications in all spheres of human activity. India too is witnessing a major growth in polymer research, in academia, national laboratories and industries. The industrial landscape is vibrant with major investments in the offing in the area of commodity, engineering and speciality polymers in the present decade.

Against this backdrop, it is proposed to organise a major national symposium on Polymers at the National Chemical Laboratory, Pune, India, in January 1991. The symposium will bring together international and national experts in the area of polymers from academia, industry and national laboratories on a common platform to discuss recent advances in polymer science. It is hoped that the deliberations will identify major challenges in the area for the nineties and provide a stimulus to both academic and industrial research activities.

Eminent scientists from all over the world are being invited to deliver plenary and invited lectures. The symposium is being cosponsored by Council of Scientific and Industrial Research, Materials Research Society of India and Society of Polymer Science ( India ).

## SCIENTIFIC PROGRAMME

The symposium will be divided into the following sessions.

### A. POLYMERIZATION CHEMISTRY

- \* Reaction, mechanism, catalysts and processes

### B. SYNTHESIS AND MODIFICATION OF POLYMERS

- \* New polymers and oligomers including telechelics and macromonomers
- \* Chemical reaction on polymers
- \* Polymer degradation and stabilization
- \* Polymer-metal complexes and polymer catalysis

### C. STRUCTURE AND PROPERTIES

- \* Spectroscopy
- \* Chromatography
- \* Dynamics of molecular motion
- \* Solid state structures
- \* Oriented fibres and films

### D. HIGH PERFORMANCE POLYMERS

- \* High performance thermosets, thermoplastic elastomers and fibres
- \* Functional and speciality polymers such as membrane materials, conducting polymers polymer for controlled release, drag reducing polymers, super-absorbing polymers, liquid crystalline polymers.

### E. POLYMER BLENDS, ALLOYS AND COMPOSITES

### F. BIO-RELATED POLYMERS

- \* Natural polymers and their modifications
- \* Polymers of biological and medical interests

### PUBLICATIONS OF PROCEEDINGS

The proceedings of the Symposium will be published by a reputed publisher and will be distributed to the participants on or before the Symposium.

## REGISTRATION FORM

( Please return on or before April 30, 1990 )

Name : \_\_\_\_\_  
Please print

Affiliation : \_\_\_\_\_

Address : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Tel : \_\_\_\_\_

Telex : \_\_\_\_\_

Fax : \_\_\_\_\_

I will attend and present a paper

Oral  Poster

Session ( Tick mark one )

A  B  C  D  E  F

I will attend but will not present a paper.

Tentative Title \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_