SIXTH ANNUAL CONFERENCE

Come January 1971 and all roads will lead to Bangalore. Have you finalised your travel plans to attend the Sixth Annual Conference scheduled to take place at the National Aeronautical Laboratory, Bangalore-17, on January 14, 15, 16, 1971?

Dr. Atma Ram, Director-General, CSIR, has kindly consented to inaugurate the conference.

Dr. S. Krishnan, the Convenor for the conference, and his devoted team of colleagues are sparing no pains to ensure that every detail is anticipated and attended to with utmost care and concern.

Evidence of the intense interest the conference has already generated, is seen in the seventy and odd papers that have been received for presentation. With such a large number of contributed papers coupled with invited lectures and panel discussions, it is indeed a safe prediction that the conference will turn out to be a time, well spent and an effort, well rewarded.

CONSTITUTION OF THE SOCIETY

A draft constitution of the Computer Society of India has been prepared and is now presented to the members for their consideration and remarks. Members will please find a copy of the draft constitution enclosed.

The Constitution will come up for consideration at the Annual General Meeting at Bangalore. An informal business session has been arranged on the afternoon of Thursday, Jan. 14, 1971, the first day of the conference so that suggestions can be obtained from members regarding any amendments. Suitable resolutions can then be drafted for consideration and adoption at the General Body Meeting on the last day of the conference, Jan. 16, 1971.

In the meantime, members are requested to have their comments and remarks, if any, sent to the Secretary, for consolidation and presentation at the meeting.

JAWAHARLAL NEHRU AWARD

The Jawaharlal Nehru Memorial Fund has awarded a Jawaharlal Nehru Fellowship to Professor R. Narasimhan, Computer Group, Tata Institute of Fundamental Research, Bombay.

Our sincere congratulations to our Founder-President on this distinctive award.

This Fellowship is tenable for 2 years and Dr. Narasimhan has decided to avail himself of the Fellowship starting from April, 1971. During the period of the Fellowship he will be on leave from TIFR although he expects to be in residence there much of the time.
Dr. Narasimhan hopes to work on a book during the Fellowship period dealing with "Computers and the Study of Behaviour". He hopes to integrate the work he has been doing on computer modelling of visual perception and language behaviour with more fundamental issues involved in the study of behaviour.

The First issue of the Journal of the CSI contained the following articles:

1. Interactive Computers in the Plant environment
   by Arthur C. Ness

2. Translation of decision tables to tree programs
   by C. R. Mathukrishnan

3. Meaningful national goals in computer development, production and use
   by R. Narasimhan

4. Design and development of TDC-12
   by S. Sekaran

5. Compressed index terms and threshold matching in information retrieval
   by T. Radhakrishnan and
   V. Rajaram

6. The shop loading and monitoring system (SLAM)
   by S. Adikesavan

7. Simulation of batch distillation for ideal binary systems, constant reflux and zero hold up
   by Ashok Hamsin, P. J. Reddy, S. S. R. K. Varaprasad

8. On the use of prediction of page realisation algorithms
   by Mathias Joseph

9. A note on Programming a character generator for the Devnagari script
   by S. Andreas and S. Camani

Since the subscription is only Rs. 5/- per issue it behoves all members of the CSI to subscribe to the Journal and propagate it amongst other interested professionals.

The next issue is due to come out by January, 1971. Articles for publication may please be sent to Mr. S. V. Rao, Asst. Manager, Management Services, TELCO, Jamshedpur, 10, Bihar.

CHAPTER NEWS

Ahmedabad Chapter

19 July 1970

A Seminar was held by the Chapter on the "Use of Computers in Textile Industry". Some of the most important application areas in Textile Industry viz., production planning, colour matching, cotton blending were discussed. A large number of Technical Industry in addition to personnel from PRL, ATIRA, IBM and ICL actively participated in this Seminar. The opening of the Seminar was done by Shri B. V. Bhatt, General Manager, Calico Mills, Ahmedabad.

10 September 1970

A talk was given by Dr. Frank P. Mathur from the Jet Propulsion Laboratory, California, on Ultra-reliable Space borne Computers for Space Communication and control. It was well attended.

26 September 1970

Mr. S. R. Thakore, President, Ahmedabad Chapter of CSI gave a talk on "Recent Advances in Computers" after returning from his tour to Europe.

11 November 1970

A visit was arranged to Indian Institute of Management, Ahmedabad to see the Hewlett-Packard Computer, recently acquired by them and its experimental use of the time-sharing system. The system was explained to the members in detail.

During the period the Chapter also published a "Computer Digest" with very interesting articles from the members and informative extracts from technical Journals. This was circulated to all the members of the Chapter, and the Secretaries of other Chapters.

Bombay Chapter

During the recent months, the Bombay Chapter of the CSI held two lectures, one on the Honeywell-400 computer, and the other on the Westinghouse Produc-50 computer.

Bombay has two Honeywell computers, one at the Reserve Bank of India and the other at B.A.R.C. The talk on this computer was delivered by Mr. W. S. Saraf, Dy. Director of Statistics, Reserve Bank of India. The Westinghouse Produce 50 computer, which is installed at the Tata Group of Electricity companies at Trombay (Bombay) since May 1970, is being used for process control of the generation and distribution of electricity. The talk on this computer was delivered by Dr. K. R. Pandit, Dy. Chief Engineer, Tata Group of Electric Companies.

The second Annual General meeting of the Bombay Chapter was arranged on the 16th October, 1970. Mr. F. C. Kohli of Tata Consultancy Services and Mr. P. Jayant of Air India were unanimously elected to the two positions on the Managing Committee created by the retirement of Mr. S. R. Dolans Cushairman, and Mr. S. S. Suhani Hon. Treasurer. The newly reconstituted managing committee consists of Mr. F. C. Kohli (TCS), Chairman, Mr. S. S. Thakur, ISSE (Ltd.), Hon. Secretary Mr. G. Shankaran, (Premier Automobiles) Hon. Treasurer Messrs C. S. Shirkhande, P. Jayant and Dr. P. V. S. Rao are the other Members.

Mr. S. R. Rangnesh, the former Chairman of the Eastern India Chapter of the CSI and now resident of Bombay, spoke on "Computer Explosion in West Bengal", during the second Annual General Meeting.
Bombay has about thirty computer installations of various makes including IBM, ICL, Honeywell, Westinghouse, Minsk, CDC etc. The managing committee of the chapter feels that the next annual general meeting of the society should be held at Bombay. A formal invitation on behalf of the chapter will be extended at the ensuing annual general meeting at Bangalore.

Delhi Chapter

On 18th Nov., a visit was arranged to the Computer Centre, of Swatantra Bharat Mills, Delhi. About 40 members participated.

Hyderabad Chapter

Shri B. C. Mitra from the Administrative Staff College of India, Hyderabad, and Shri K. A. Chandrasekharan, EDP Manager, South Central Railway have been co-opted as members of the Executive Committee.

A Seminar on IBM System 360 was held on October 6th, 7th & 8th under the joint auspices of the Chapter and the South Central Railway at the General Manager's meeting room of the South Central Railway. The seminar was addressed by two senior officials from IBM, Shri S. Sivaraman and Shri Srinivasa Reddy. The seminar covered design conditions of System 360, Channel Concepts and Programmes, input and output devices, storage organization, introduction to multiprogramming and tele-processing etc. An introduction to the Language PL 1 was also given.

Two lectures on Analog Computer by Shri K. V. Reddy, Regional Engineering College, Warangal have also been organised.

Secretary