

FIRST SERC SCHOOL IN PLASMA PHYSICS

(Department of Science and Technology, Govt of India)

NONLINEAR WAVES AND DYNAMICS

The Programme Advisory Committee for high energy, nuclear and plasma physics, constituted by the Department of Science and Technology has approved a five-year programme for SERC schools and workshops in plasma physics during 1991-95. The first school in the series will be held at the Department of Physics, University of Rajasthan, Jaipur, from July 1 to 20, 1991 and will cover the following topics:

A. Linear waves and particle motion

(Speakers: A. K. Arora and T. N. Bhatnagar, Rajasthan University, Jaipur; K. C. Swami, MREC, Jaipur)

B. Coherent wave phenomena

(Speakers: B. Dasgupta, SINP, Calcutta; S. R. Sharma, R. S. Tiwari and R. S. Chhabra, Rajasthan University, Jaipur)

C. Chaotic dynamics and nonlinear oscillations

(Speakers: A. D. Gangal, Poona University, Pune; B. R. Sitaram, PRL, Ahmedabad)

D. Turbulent nonlinear phenomena

(Speakers: K. P. Maheshvari, Devi Ahilya University, Indore; A. Sen and P. K. Kaw, IPR, Gandhinagar)

E. Experimental results

(Speakers: Y. C. Saxena, IPR, Gandhinagar)

The school will admit participants on an all India basis. Preference will be given to fresh PhD's and those working for PhD degree in plasma physics. Persons working in allied areas may also apply. Financial support for train travel, board and lodging will be provided to 30 participants. A few others who are able to make their travel and stay arrangements may also be admitted. For further details and application form please contact: Professor S. R. Sharma, Director, SERC Plasma School I, Department of Physics, University of Rajasthan, Jaipur 302 004.

Request for application form should be received before 28 February 1991. Last date for receipt of completed application form is 31 March 1991. Information regarding selection will be sent by 30 April 1991.