

## DEPARTMENT OF SCIENCE & TECHNOLOGY (International Division)

### Soliciting Elettra beamtime allocation proposals from Indian scientists under Indo-Italian Program of Cooperation in Science & Technology

The beamtime application processes to Sincrotrone Trieste's Elettra Virtual User Office Trieste as well as to Indian Department of Science and Technology (DST) are now open to Indian scientists. Indian scientists are advised to refer to the details for the submission of beamtime proposals to Indian DST (<http://dst.gov.in/>) as well as at Elettra Virtual User Office (<http://vuo.elettra.trieste.it/>). Please note that Indian scientists wishing to use this opportunity are advised to use the electronic mode of application to Indian DST. This will allow quicker processing of Indian requests.

#### *Framework for financing utilization of Elettra machine by Indian scientists*

Indian Department of Science & Technology (DST) and Italian Ministry of Foreign Affairs (MAE), within the framework of Indo-Italian Program of Cooperation (POC) in Science & Technology, are catalysing collaboration between Indian scientific institutions and Sincrotrone Trieste including utilization of Italian Synchrotron Machine Elettra at Trieste by Indian scientists.

Indian scientist's visit to Trieste for conducting Indian research experiment awarded time on a specific Elettra beamline (which has been technically cleared both by Indian DST and Sincrotrone Trieste) are co-funded by Indian DST taking care of Indian scientist's return international fare between place of work in India and nearest airport to Trieste by Economy Excursion IATA fare and Italian MAE taking care of local hospitality costs for the period of stay in Trieste (current POC 2002–2004 provides Euro 93 per day as the cash allowance in Italy for short-term visits of up to 10 days).

Request for sponsoring one scientist for Indian experiment awarded up to three shifts on Elettra; two scientists for Indian experiment awarded up to six shifts on Elettra; and three scientists for Indian experiment awarded more than six shifts on Elettra will be considered for co-funding by Indian DST and Italian MAE under the Indo-Italian POC in S&T.

#### *About Elettra Machine & Elettra beamtime application submission*

Elettra is a third generation 2–2.4 GeV Italian synchrotron radiation source covering wide energy range from far infrared to hard X-rays employing, as of now, 19 operational beamlines. Details of various Elettra beamlines and the Scientist-in-charge for each beamline are available at the internet web address <http://www.elettra.trieste.it/experiments/beamlines/index.html>

Indian scientists are encouraged to contact the Elettra beamline coordinator prior to making a proposal.

The 'Template Format based application' can be downloaded from DST's web page and submitted by Indian scientists throughout the year in an electronic form to **Ms. Sadhana Relia, Director, International Cooperation, Technology Bhavan, New Mehrauli Road, New Delhi 110 016**; Email: [srelia@alpha.nic.in](mailto:srelia@alpha.nic.in); Tel: +91-11-26602189. Detailed instructions can be found in this template for preparing the proposal.

Only those Indian proposals that are routed through Indian DST will be considered for co-funding under Indo-Italian POC in S&T framework. Directly submitted Indian application to Elettra Virtual User Office Trieste, upon award of Elettra beamtime, without a prior submission to DST, will not be eligible for funding under Indo-Italian POC in S&T.

The Indian applications invited under this advertisement will be subjected to an evaluation within India by DST through an 'Expert Committee-Coordination Group followed by second stage evaluation by Sincrotrone Scientific Review Committee'.