

Beam-line Scientist and Engineer Positions Elettra, Italian Synchrotron Source, Trieste, Italy

Two beam-lines dedicated to high pressure X-ray diffraction and macromolecular crystallographic studies have been commissioned at the Elettra Synchrotron Source in Trieste, Italy, as a part of an Indo-Italian collaboration funded by the Department of Science and Technology on the Indian side.

There are three vacancies for beam-line scientists/engineers in this project. Applications from suitable candidates (Indian nationals) are invited.

The applicants should have backgrounds in X-ray diffraction and structural studies. Expertise in macromolecular crystallography (including experimental aspects of high-throughput screening and remote data collection) and/or high pressure crystallographic studies including a working knowledge of diamond anvil cells is desirable. Prior experience of working at a synchrotron facility as well as expertise in instrumentation and data analysis pertaining to diffraction studies will be considered as advantages. Familiarity with computer programming and interest and knowledge in instrumentation and software packages like MATLAB, LABVIEW, PYTHON, etc. would be added assets.

Selected candidates will be expected to provide support to users at the beam lines and assist in the enhancement of capabilities of the beam-lines as well as carry out other duties assigned to them. The compensation package includes a monthly all-inclusive pay in the range of Euro 1600–2100, depending on the experience of the successful candidate. There is also the possibility of having synchrotron beam time to run one's own research programme.

Candidates below the age of 35 years would be preferred, though the age limit may be relaxed in the case of highly deserving candidates. For the post of beam-line scientist, the candidate should have a doctoral degree in physics, chemistry, earth sciences, any branches of life sciences or any other relevant or related field. For the post of beam-line engineer, the candidate with either B.Tech./M.Sc. physics or M.Sc. chemistry may apply. Both the posts would prefer a work experience at synchrotron beam-lines and/or high-pressure laboratories and an outstanding R&D record.

Interested candidates should apply within **three weeks** of the publication of this advertisement, sending a detailed CV, along with a list of publications, and the names and addresses of three references to the following address:

Prof. D. D. Sarma, Solid State and Structural Chemistry Unit, Indian Institute of Science, Bengaluru 560 012; e-mail: elettrabeamline@gmail.com with a cc to DDSooffice86@gmail.com.



Indian National Science Academy Bahadur Shah Zafar Marg, New Delhi 110 002

Call for Nominations INSA Medal for Young Scientists – 2018

Since 1974, the Academy has instituted INSA Medal for Young Scientists with the aim of recognizing young scientists of extraordinary promise and creativity who have made notable research contributions in Science and Technology. This award, considered to be the highest recognition of promise, creativity and excellence in a young scientist, is made annually to those distinguished for these attributes as evidenced by their research work carried out in India. Only those born on or after **1 January 1983** are eligible for consideration in the year 2018.

The awardee shall receive a certificate, a bronze medal, cash award of Rs 25,000.

A candidate may be proposed by a Fellow of the Indian National Science Academy or by earlier recipients of this award, scientific societies of national standing, university faculty, post-graduate department or research institutions may also make nominations of eligible candidates.

Nomination proforma can be downloaded from website www.insaindia.res.in. One hard copy and a softcopy (in MS-Word only) of the nomination, along with all supporting documents, must reach the Academy latest by **31 October 2017**.

Deputy Executive Director-II (F&A)