

## **Beam-line Scientist and Engineer Positions at 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 such as 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 program.

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 BTech/ MSc physics or MSc 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 on or before October 31, 2017. Please send a detailed CV, along with a list of publications, and the names and addresses of three references to the following address:

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