

## **Scientist Position at the high-pressure diffraction beam-line, XPRESS, 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 and operated through MoUs established between International Centre for Theoretical Physics, Indian Institute of Science, and Elettra.

The high-pressure diffraction beam-line is expected to have an opening at the level of beam-line scientist soon and we seek applications from suitable Indian candidates for this position.

The applicants should have backgrounds in high pressure crystallographic studies including a working knowledge of diamond anvil cells. Prior experience of working at a synchrotron facility or experience in extensive utilization of synchrotron facility for high-pressure studies will be a plus point. Expertise in high-pressure instrumentation as well as diffraction data analysis will be considered as advantages.

Selected candidates will be expected to provide support to users at the beam-line and assist in the enhancement of capabilities of the beam-line 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 45 years would be preferred, though the age limit may be relaxed in the case of highly deserving candidates. The candidate must have a doctoral degree in physics, chemistry, or any other relevant or related field, preferably with an outstanding R & D record.

Interested candidates should apply by sending an email within March 3, 2021, attaching a detailed CV including a statement of the experience relevant to the advertised post here, along with a list of publications, and the names and addresses of three references to the following addresses:

Prof. D. D. Sarma; Solid State and Structural Chemistry Unit, Indian Institute of Science, Bangalore 560012. Email: **DDSooffice86@gmail.com** with a copy to **himanshu@barc.gov.in** and **elettrabeamline@gmail.com**.