

Scientist Position at the XRD-2 Macromolecular crystallography beam-line 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 macromolecular crystallography 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 X-ray diffraction and structural studies. Expertise in macromolecular crystallography (including experimental aspects of high-throughput screening and remote data collection) is highly 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-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 develop 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, any branch of life sciences or any other relevant or related field, preferably with an outstanding R & D record.

Interested candidates should apply on or before December 15, 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, Bangalore 560012. Email: **DDSoffice86@gmail.com** with a copy to **bgopal@iisc.ac.in** and **elettrabeamline@gmail.com**

Candidates who are currently employed in a permanent position should submit a copy of a no-objection note from their employer with their application.