

1st National Congress of the Mexican Society of Synchrotron Light & 1st International Congress of Synchrotron Light Techniques



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Workshop 2. CCP4: Software For Macromolecular X-Ray Crystallography

Abstract

About

DR. GUSTAVO CRUZ JIMÉNEZ
PROFESSOR, UNIVERSITY OF GUANAJUATO

Dr. Gustavo Cruz Jiménez studies possible native plants in the state of Guanajuato for their possible use in the management and control of contaminants (phytoremediation). In addition, he conducts chemical speciation studies of potentially toxic elements using synchrotron radiation techniques, mainly x-ray absorption spectroscopy. He is a professor recognized by the secretaria of education as a professor with a desirable prodep profile with “preferred” quality and he is a member of the national system of researchers (SNI), level I. He has published above twenty research papers on international peer review journals. In addition, he has directed four PhD theses, five master’s degree theses and above twenty undergraduate theses.

DR. RENÉ LOREDO PORTALES
INSTITUTE OF GEOLOGY, UNAM

Dr. Loredo is member of the national system of researchers level 1, and is tutor of the chemistry and biology master degrees programs at the UNAM and the biochemistry master degree at the UASLP. Dr. Loredo, develop research in the biogeochemical dynamics of potentially toxic elements in polluted sites and the chemical speciation and atomic and molecular characterization of metal(loid)s in environmental, synthetic, geologic and cultural heritage materials. In the area of synchrotron radiation, he has done 5 research stays and more than 17 experiments in light sources such as the ELETTRA Sincrotrone Trieste, Advanced Light Source, European Synchrotron Radiation Facility and Synchrotron-Light for Experimental Science and Applications in the Middle East.

Session Classification : Course