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Mexican Experience: The Mexican Society of Synchrotron Light. A short glance for the future of compact XFEL Facilities

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Introduction

This contribution basically deals with the status of the Synchrotron Radiation Facilities in Latin America, and at the same time the importance of the users for applications and development of technology in developing countries. It is described how the Mexican Society of Synchrotron Light (SMLS) was created. The aim of this society was to reinforce the project for the construction of a Mexican Synchrotron Facility in any of the 32 states that form the United States of Mexico.

Finally, an overview of new technologies for the compact sources will be part of the solutions for developing countries that cannot afford the construction of a big facility.

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