

WELCOME to the Jubilee 10th ISSRNS

On behalf of the Organizing Committee and Scientific Advisory Board we would like to welcome you to the Jubilee 10th International School and Symposium on Synchrotron Radiation in Natural Science organized by the Polish Synchrotron Radiation Society (PTPS) in cooperation with the A. Mickiewicz University in Poznań.

Since the first meeting, in 1992, the ISSRNS has been organized as a biennial event. ISSRNS is a traditional forum for discussing fundamental issues of application of the synchrotron radiation and related methods in natural sciences. The aim of this interdisciplinary meeting is to bring together scientists working with synchrotron radiation and new comers interested in using SR based techniques. The Symposium is focusing on novel applications of synchrotron radiation in physics, chemistry, material and live sciences.

This year meeting is the 10th Jubilee Meeting and moreover is the first meeting after approving of the constriction of Polish synchrotron. The Polish National Synchrotron Radiation Source (NCPS) in Krakow is expected to meet the needs of Polish and Central-East-European users in the years to come. Therefore, now it is very important to educate young people (M.Sc. and Ph.D. students) in different fields that are necessary to develop, build and operate the synchrotron radiation source.

This year we meet in the “LAS” hotel located in Szklarska Poreba. This beautiful town is situated in the south-western part of Poland in Karkonosze and Izery mountain range and is an important regional and national centre for mountain hiking, cycling and skiing. Szklarska Poręba region is place know of occurrence of precious ores. There have been classified over 50 minerals, which commonly occur in Karkonosze and Izery mountains. Many of them present properties of such gemstone as: amethyst, aventurine, topaz, olivine, tourmaline, aquamarine, hyacinth, beryl, moonstone, agate, mountain crystal and smoky quartz. Therefore this beautiful town is known as the Mineralogical Capital of Poland.

However, not only the beautiful neighbourhood is interesting. We made an effort to ascertain a large variety of subjects to be presented at the meeting. The lecturers come from the best synchrotron laboratories in Europe, Asia and America as well as from university laboratories using the intense radiation sources.

We would like to thank all lecturers for accepting our invitations to show the results of their exciting research. We also thank all the participants for preparing oral and poster presentations. We hope that the participation in the conference will be fruitful and stimulating for all of you. We wish you good time with excellent science amid nature's splendor.

The Organizers