

## Preface

The International Symposium on Advance in Neutron Optics and Related Research Facilities was held on 19-21 March, 1996 at Research Reactor Institute, Kyoto University, in Kumatori-cho, Osaka, Japan. The Symposium on this topical research fields was the very timely meeting for bringing together hot and interesting research results and developing new ideas, since in 1992 International Conference related to neutron optics was held at San Diego, and in 1994 International Conference on Neutron Scattering (ICNS) was held in Sendai. Furthermore, the Nobel Prize in 1994 was given to Professors C.G. Shull and B. Brockhouse in neutron research.

The Symposium was sponsored by Research Reactor Institute, Kyoto University in commemoration of the reorganization of the research divisions in the Institute, and it gave a live opportunity to meet and discuss on neutron optics and related facilities in the atmosphere of the university reactor institute established about 30 years ago and restarting the activities in several priority research fields. A hundred and ten attendants, 44 from abroad and 66 inland, covered 14 countries, from North America, Europe, and Africa to Asia.

The Symposium site, Kumatori, has the history of natural science research in the early year around 1810, experiments detecting the electricity of thunder having been carried out. This progressive spirit in Kumatori had drawn the research reactor institute for the initiation of neutron science research in peace in this country. Therefore, the present Symposium held in Kumatori would be one of the most welcome events for the promotion of science in this area.

The Symposium program consisted of invited and contributed oral presentations, and poster presentations. A trial was made in the limited time of the program that a very short oral introduction was allowed for each poster presenter. Summary talks were given by four summary speakers at the end of the Symposium, which were also recorded in this Proceedings. Not only every presentation, but also discussion and communication after each presentation and further in coffee breaks were also very much active and effective. Our organizing staffs were very much satisfied in these hottest atmosphere over all three days of the Symposium. All the papers recorded in this Proceedings were presented during the Symposium and inquired to pass the duplicated scientific referees.

The organizer of the Symposium appreciates so much the effective collaborations of all the attendants and the presenters, and further to all the chairpersons who guided successful scientific discussions within the very restricted time in the program.

We also gratefully acknowledge the supports from the Ministry of Japanese Government, from many Institutes and Societies, and also being grateful to the valuable financial supports from various Organizations and Foundations. These supports and financial supports are acknowledged on the another side of this sheet.

The Symposium was very much successfully held only with the total supports and collaborations of all the divisions in KURRI, including Administrations and Facility Supportings. Near 20 staffs of the Division of Neutron Science and related assistants were of course fully engaged in the preparations and in supporting the management of the Symposium. These collaborations should also be acknowledged in particular, although all of their names could not be listed here within the limited space in this Preface. Finally, I would like to mention that the completion of the present Proceedings was greatly dependent on the continued and persevering editorial works by Dr. S. Kawano.

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Co-chairman of Organizing Committee