



UVSOR
ACTIVITY REPORT
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edited by
H. Hama, S. Tanaka, T. Gejo

Preface

This is the new Activity Report reporting the research activities which were done at the UVSOR facility in 1997. This is the fourth volume in the red-covered Activity Report series. For these four years, major part of beamline improvement and upgrade projects for the second 10 years of UVSOR are going well, where the first SR was emitted in November 1983. I would like to acknowledge various kinds of supports to the projects by the government and the outside users, and efforts of the UVSOR staff. We hope breakthroughs in science will soon be brought by users of the improved and upgraded beamlines. We are now trying to develop new fields in molecular science towards the next century, by combining various detection systems and light sources, such as synchrotron radiation, laboratory laser and FEL (free electron laser). In April 1997 two research facilities, the Laser Research Center for Molecular Science and the Research Center for Molecular Materials, have been established in the Institute for Molecular Science (IMS). Strong collaboration with these facilities will be important for the future of UVSOR in IMS, although most users within IMS belong to the Department of Vacuum UV Photoscience since 1991.

I am attaching herewith two letters from foreign scientists, Dr. Ian Munro and Dr. Adam P. Hitchcock. Dr. Munro retired from Director of SRS, Daresbury Laboratory, last year and now is a visiting professor of the Department of Vacuum UV Photoscience, IMS. Daresbury Laboratory and IMS are key institutions in the areas of "Application of Synchrotron Radiation to Molecular Spectroscopy and Photochemistry" and "Scientific Application of Synchrotron Radiation" in the UK-Japan Scientific Cooperation Program. Dr. Hitchcock spent a few days in IMS to discuss collaboration in molecular science with us. He is one of the key persons of the Canadian Light Source (CLS) project. We are very grateful to them for valuable letters to evaluate the UVSOR facility. We will further elaborate our future programs by taking into account their comments.

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Nobuhiro Kosugi
Director of UVSOR