Editors : M. Watanabe and A. Hiraya

Preface

It is a great pleasure for me to publish the 1989 UVSOR Activity Report which shows our recent synchrotron radiation research as well as the present situation of the UVSOR Facility. During the two-month shutdown in spring 1989, we have installed a new superconducting wiggler in the UVSOR ring. Five new exit ports have also been installed during this period for our future projects. Except for this two-month shutdown period, the UVSOR light source has been regularly operated with an electron energy of 750 MeV and at an initial ring current of 120 mA.

The following ten beam lines in UVSOR have been used by general users for synchrotron radiation studies; BL1B, BL2B1, BL3A1, BL3A2, BL6A1, BL6A2, BL7A, BL7B, BL8A, and BL8B1. In addition, the four beam lines, BL8B2, BL2A, BL2B2, and BL3B are used for the in-house groups. Two more lines are now under construction for in-house groups for studying (1) photo-catalysis and (2) infrared and far infrared micro-spectroscopy.

Prof. T. Kasuga of UVSOR moved to Hiroshima University last April, while Dr. G. Isoyama of Tokyo University was appointed as Associate Professor at UVSOR for machine physics last October. Furthermore, this January, Dr. M. Kamada of Osaka Prefectural University was appointed as Associate Professor at UVSOR for synchrotron radiation research.

In the 1989 fiscal year, various UVSOR programs have been performed under the following; two Special-Project Programs, nineteen Cooperative-Research Programs, and ninety four Use-of-Facility Programs. Two symposia of different kinds have been held; one a users' meeting, the other a workshop on synchrotron light sources.

I would like to express my thanks to all the UVSOR staff for their great efforts and contributions to the UVSOR Facility. I would also like to thank many users for their cooperation.

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Katsumi Kimura
Professor
Director of UVSOR