

## PREFACE

This report presents results of non-proprietary experiments conducted using SPring-8 public and contract beamlines during the period September 1999 through December 1999. SPring-8 opened for research in October 1997 and holds two calls per year for proposals to use its public beamlines. The results of the 308 experiments reported here cover its fourth research period (1999B).

They include 235 normal proposals and 2 urgent proposals, and carried out using 15 public beamlines and 7 other beamlines. Furthermore, 71 proposals carried out using one contract beamline.

SPring-8's public beamlines are available for proprietary and non-proprietary research. In the case of proprietary research, there is a charge for beamtime but no obligation to place the results of experiments the public domain. However, users who conduct non-proprietary research and submit a completed experimental report form to SPring-8, not more than 60 days after the end of their experiment, do not have to pay for beamtime. In this research period, 5 proprietary researches were carried out.

After each research period, SPring-8 publishes the non-proprietary research results submitted by users in their experimental report forms. All the applications accepted for SPring-8's third research period were for non-proprietary research. In some cases, users continued with their analysis after the 60-day reporting deadline; consequently the material included here may not always reflect a full picture of experimental achievements.

SPring-8 hopes that the information in this report is useful. If you have any questions, comments or requests for further details, please contact the SPring-8 Users Office.

### Timetable for Fourth Research Period

Deadline for submission of applications: June 19, 1999

Proposal selection and beamtime allocation: end of July 1999

Research period: September 29, 1999 through December 22, 1999