

PREFACE

This report presents results of non-proprietary experiments conducted using SPring-8 public and contract beamlines during the period February 2000 through June 2000. 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 411 experiments reported here cover its fifth research period (2000A).

They include 297 normal proposals, 22 urgent proposals and 7 bonus proposals, and carried out using 17 public beamlines and 6 other beamlines. Furthermore, 85 proposals carried out using 4 contract beamlines.

SPring-8's public and contract 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 in 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 and 4 proprietary researches were carried out in the public beamline and contract ones, respectively.

After each research period, SPring-8 publishes the non-proprietary research results submitted by users in their experimental report forms. 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 Fifth Research Period

Deadline for submission of applications: October 16, 1999

Proposal selection and beamtime allocation: December 1999

Research period: January 20, 2000 through June 14, 2000