

PREFACE

This report presents results of non-proprietary experiments conducted using SPring-8 public and contract beamlines during the period April 1998 through October 1998. 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 241 experiments reported here cover its second research period. (They include nine public beamline experiments that were originally scheduled for the first research period, and seven contract beamline experiments.)

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.

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 second 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 Second Research Period

Deadline for submission of applications: January 6, 1998

Proposal selection and beamtime allocation: end of February 1998

Research period: April 1, 1998 through November 6, 1998