

PREFACE

This report presents results of non-proprietary experiments conducted using SPring-8 public and contract beamlines during the period September 2000 through January 2001. SPring-8 opened for research in October 1997 and holds two calls per year for research proposals to use its beamlines. The results of the 461 proposals reported here cover its sixth research period (2000B).

They include 254 normal proposals, one urgent proposal, 12 reserve-shift proposals for a research field of life science, and 4 long term proposals. The long-term use of which length is less than three years began in this research period. These proposals carried out using 17 public beamlines and 7 other beamlines. Furthermore, 85 proposals carried out using 5 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, 8 and 2 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.