

SPring-8

User Experiment Report

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JASRI

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- Users Office -

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PREFACE

This report presents results of non-proprietary experiments conducted using SPring-8 public and contract beamlines during the period February 2001 through July 2001. SPring-8 opened for research in October 1997 and holds two research terms per year for users. The results of the 581 proposals reported here cover its seventh research period (2001A).

For the public use, they include 444 normal proposals, 2 urgent proposal, 17 reserve-shift proposals for a research field of life science, and 4 long-term proposals. One long-term proposal was started in this research period. These proposals carried out using 19 public beamlines and 5 other beamlines. Furthermore, 98 non-proprietary uses were carried out using 6 contract beamlines.

Twenty-six proposals were carried out in the beam time kept for SPring-8 staff in the 3 R&D beamlines and public beamline. In this issue, these results are collected with other proposals.

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 beam time 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 beam time. In this research period, 5 and 3 proprietary uses 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.

SPRING-8 Operational results for the Seventh Research Period(2001A)
(February 2001 through July 2001)

Operation Cycle		User Beam Time(hour)	Number of Experiments		Number of Users		8GeV Operation Mode
			Public BL	Contract BL	Public BL	Contract BL	
01-02	02.07.01-03.02.01	480	121	41	472	151	<100mA,multi bunch,4weeks
01-03	03.07.01-03.30.01	480	134	36	575	180	<100mA,multi bunch,4weeks
01-04	04.04.01-04.27.01	480	127	38	564	179	<100mA,several bunch,4weeks
01-05	05.10.01-06.01.01	478	144	36	656	155	<100mA,several bunch,4weeks
01-06	06.06.01-06.29.01	468	139	23	648	101	<100mA,several bunch,4weeks
2001A total		2,381	665	174	2,915	766	

- First research period(1997B): October 1997-March 1998
- Second research period(1998A): April 1998-October 1998
- Third research period(1999A): November 1998-June 1999
- Fourth research period(1999B): September 1999-December 1999
- Fifth research period(2000A): January 2000-June 2000
- Sixth research period(2000B):September 2000-January 2001

