

Editor's Note

SPring-8 Research Frontiers 2007 covers advances achieved during two consecutive research periods, the second half of 2006 and the first half of 2007. SPring-8 Research Frontiers describes the remarkable scientific achievements obtained at SPring-8 in various fields of basic and applied science including industrial applications, as well as the developments of the accelerators, beamlines and experimental apparatuses and the present status of the facility. This is its tenth issue. Glancing over the ten volumes, it is clear that SPring-8 has made substantial contributions to SR science and technology during the years. We are expecting further outstanding contributions in the next ten years.

Each year we have revised some of the contents and the design of Research Frontiers. This time we have adopted the style of a two-page spread for the reports in Scientific Frontiers so that the readers can read them easily. In the extra spaces left as a result of the page adjustment, photographs of flowers grown at the SPring-8 campus have been inserted.

In the SPring-8 site NewSUBARU, a 1.5 GeV storage ring for industrial applications is under operation. We have decided to include a report from NewSUBARU, even though it is managed by an organization different from SPring-8, since it is playing an important role in the development of SR science and technology.

Copies of SPring-8 Research Frontiers will be sent on request. Its full text is also available on the SPring-8 website (<http://www.spring8.or.jp/>). For the list of publications of studies by SPring-8 users and staff members, please visit the publications database at <https://user.spring8.or.jp/en/pubsch>.

We give our appreciation to the many specialists who recommended excellent research results suitable for publication in SPring-8 Research Frontiers. We would also like to express our sincere gratitude to the users and staff members of SPring-8 for contributing their reports to this issue.

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