

## VIII. SPring-8 Users Community (SPRUC)

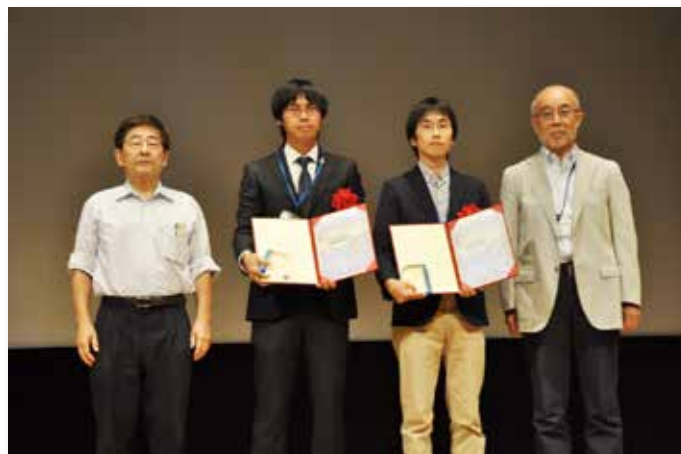
The SPring-8 Users Community (SPRUC) is a user society that includes not only all users but also potential users who are interested in using SPring-8. In addition to these individuals, representative organizations comprising 26 institutes (principal universities, national/international research institutes, industries, and beamline consortiums) participate in SPRUC to discuss further promotion of the utilization of SPring-8 from strategic and perspective viewpoints.

As one of the key activities of SPRUC, the SPring-8 Symposium is held annually at the site of one of the representing organizations jointly with RIKEN and JASRI. SPring-8 Symposium 2018 with the theme "Starting movements toward the innovative leap of SPring-8" was held at Himeji Civic Auditorium on August 25 and 26. A panel discussion was held to debate this theme. This debate led to a workshop on the upgrade of beamlines toward the SPring-8 upgrade, which was co-hosted by RIKEN, JASRI, and SPRUC in March 2019. The award ceremony of the SPRUC 2018 Young Scientist Award, which was conferred on Dr. Makina Saito, Kyoto University and Dr. Keitaro Yamashita, Tokyo University, was also held. SPring-8 Symposium 2019 is scheduled to be held on August 30 and 31 at 50th Anniversary Hall, Okayama University, jointly hosted by Okayama University.

SPRUC has continued to promote the activities of SPRUC Multidisciplinary Research Groups in order to develop the use of SPring-8 in new research areas that will be important for future science and technology. Two research groups, one for nanodevice science and the other for practical application, have operated actively since their launching in 2015. The nanodevice science research group led by Dr. Teruo Ono, Kyoto University, which is at the end of the midterm of the research period, held a special session to discuss advanced results and future perspectives of spintronics research in JSR2019 (annual meeting of the Japanese Society for Synchrotron Radiation Research, held in January). The practical application research group successfully finished the first term led by Dr. Masatoshi Takao, project officer, and received an ex-post evaluation. The second term of the research project with a two-year research period, led by Dr. Masatoshi Takao as the program officer and Dr. Akihiko Fujiwara as the executive officer, started in the period 2018B.

The 4th-term SPRUC research groups were voluntarily organized in more than 30 research fields, and each research group actively conducted research meetings. For the research meetings, SPRUC supported the travel expenses of lecturers who contributed to promoting intercommunication between research fields. SPRUC supported the SPring-8 Summer School for enhancing users' research competency and also hosted the SPring-8 Autumn School with JASRI to acquire new users. In the latter school, the SPRUC research groups contributed to planning the lectures.

There were three modifications in the SPRUC organizational structure and related rules. One was the founding of SACLA Utilization Committee and its subsidiary organization XFEL Utilization Research Group. This will enhance the collaboration between SPRUC and the SACLA user community, and lead



*SPRUC 2018 Young Scientist Award  
Prof. Y. Amemiya, Dr. M. Saito, Dr. K. Yamashita, and Prof. J. Mizuki*

to the creation of new research fields. The second was the changing of the advisers for the utilization committee to those for the SPRUC chair. This is to strengthen the planning ability in SPRUC steering. The third was the modification of the election rules of the SPRUC chair.

Prof. J. Mizuki  
Kwansei Gakuin University  
SPRUC Chairman FY2018

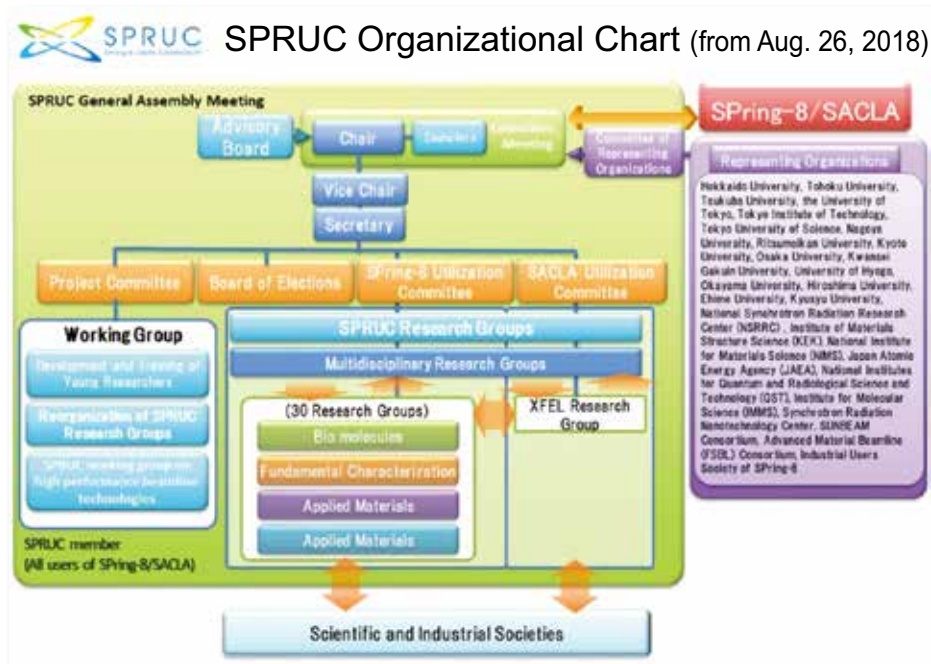


Chart of SPRUC organizational structure reorganized.

## IX. Outreach Activities

To find new users in unexplored fields of application, SPring-8 holds various serialized seminars named Workshop on Advanced Techniques and Applications at SPring-8. Here are some representatives.

- ◆ 26th SPring-8 as a research tool for the drug delivery system (DDS)  
June 22, 2018 • Nagasaki Brick Hall (Nagasaki)
- ◆ 27th Cultural property analysis with SPring-8  
July 7, 2018 • Nara Women's University (Nara)
- ◆ 30th Current status and future prospects of protein structural biology research at SPring-8  
August 9-10, 2018 • Osaka University (Osaka)