

## 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, 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 2017, with the theme "Future vision of SPring-8", was held at Hiroshima University on September 4 and 5, 2017. In the symposium, a panel discussion was performed at the special session to debate on the theme. The award ceremony of SPRUC 2017 Young Scientist award which was conferred to two researchers (Dr. Shinji Miwa, Osaka University and Dr. Tatsuya Sakamaki, Tohoku University) was also held at the symposium. SPring-8 Symposium 2018 is scheduled to be held on August 25 and 26 at Himeji City Hall, jointly hosted by University of Hyogo.

SPRUC has continued to promote the activities of "SPRUC multidisciplinary research groups" in order to develop the use of SPring-8 in the new areas that will be important to future science and technology. Four multidisciplinary research fields were designated in 2014, and two multidisciplinary research groups for nanodevice science and application were launched in 2015. The groups actively performed an innovative use of SPring-8, and the nanodevice science research group is now preparing to launch the SPRUC Research Group at the next term. In addition, 3rd Term Research Groups each actively organized a workshop in FY2017.

In order to discuss medium- and long-term plans for the future performance of detectors and measurement systems, a SPRUC working group on high-performance beamline technologies was launched in December 2016. The working group sent out questionnaire about the comments to the plan for the high performance technologies to the SPRUC user group, and summarized the results. The result was submitted to the chair of SPRUC, Prof. Nakagawa, as "the Midterm report", and is now open on the SPRUC website.

At last, the two projects which started in FY2017 are described: First, the "SPring-8 Autumn School" was held on September 18–21, 2017, in order to open for beginners such as younger students and researchers who have never used SPring-8 beamlines. The school was a great success and will be held also in FY2018. The second is "SPRUC-RIKEN-JASRI 3-way meeting", which was organized in order to discuss the future issues and to feedback the opinions from SPRUC to the SPring-8 facility. At the meeting, the four representatives from each organizations come together at a pace of every two months.

Prof. A. Nakagawa  
Osaka University  
SPRUC Chairman FY2017



*SPRUC 2017 Young Scientist Award  
Prof. Y. Amemiya, Dr. T. Sakamaki, Dr. S. Miwa and Prof. A. Nakagawa*



*SPring-8 Symposium 2017*