

Invitation

National Synchrotron Radiation Research Center (NSRRC) and User Executive Committee (UEC) sincerely invite you to participate in the 25th Users' Meeting & Workshops on September 17 - 20, 2019 to share your recent research results.

In the morning of September 17 (Tue.), we will first introduce the current situation and future prospects of NSRRC, following the sessions above is the Users' Town Meeting, hosted by the UEC Chair and NSRRC Director. Users can communicate with the Director and discuss issues related to the experiments, user service and NSRRC future development during the Users' Town Meeting. In the afternoon, outstanding users from various fields will be invited to give special lectures, and in the evening, the reception dinner will be held.

It is the 25th session of the Users' Meeting and we will hold the NSRRC RUN which will take all runners around NSRRC and enjoy the pleasure of this special running in the morning on September 18 (Wed.). Next, several distinguished users from different fields will present their cutting-edge research. The oral presentation contests classified into three different groups based on research fields will come about after the distinguished users' talks and the selected best poster of each contest group will be presented with the "Glory of Taiwan" award in the award ceremony at the dinner banquet. Then we will continue to invite outstanding users from various fields to give special speeches. In the afternoon, there will be a "Sow-Hsin Chen Neutron Technology and Application Honorary Lecture" and every participant is welcomed to listen. Five interest group meetings will take place following the serial above-mentioned presentations. After the meeting, the cocktail award ceremony and the dinner banquet will be held in the NSRRC. Welcome to participate.

Two Workshops will be held simultaneously,

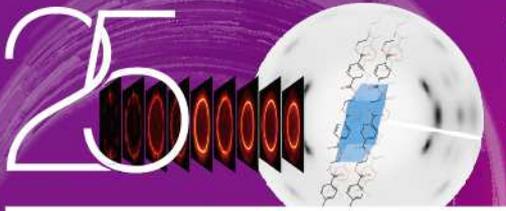
Workshop I : September 19 (Thu.)

Workshop II : September 19 (Thu.), 20 (Fri.)

The contents of workshops are listed as following:

Workshop I: Applications of Small- and Wide-Angle X-ray Scattering in Polymer and Biomedical Industries

Advanced synchrotron radiation provides powerful tools for not only pioneering sciences but also industrial innovation. With small- and wide- angle X-ray scattering, the angstrom-to-submicron structure of soft matter, protein, and its complex can be observed in live or manufacturing environments. In this workshop, experts and scientists in the field of polymer (e.g. polyester, fiber, thin film and so on) and biomedical industries will share the current development of small- and wide-angle X-scattering for the prospects and challenges in industrial applications. This workshop provides a platform for communication and interactions between the synchrotron X-ray scattering research and the industrial polymer and biomedical applications/needs, and aims for sharpening up the global competition strength of domestic industries with advanced synchrotron radiation techniques.



Workshop II: Scientific Opportunities of Soft X-ray/VUV Nano-spectroscopy & Nano-imaging at TPS

The development of novel materials and energy materials carry high hopes to revolutionize the modern technology and industrial application, yet it is not trivial to take new materials from laboratory into applications. Not only many of the materials in reduced dimensions behave drastically different after scaling up, there are not enough tools to reveal their novel natures and properties in the nanometer scale. The needs of nano-spectroscopy and nano-imaging techniques are greater than ever. The objective of this workshop is to bring together research scientists working on various fields, including energy and low-dimensional materials, to share their research results and scientific opportunities for the soon available soft X-ray/VUV Nano-spectroscopy & Nano-imaging stations at TPS.

We cordially invite you to participate in the 25th Users' Meeting & Workshops and Poster Sessions. Please register online and submit your abstracts at <http://regis.nsrc.org.tw/Default.aspx?lang=enUS> by **August 9 (Fri.)**.

Looking forward to seeing all of you at the meeting!

National Synchrotron Radiation Research Center
User Executive Committee
June 24, 2019