

Stanford



Yijin Liu

Lead Scientist, SLAC National Accelerator Laboratory

Bio

BIO

With over 10 years of experience in cutting-edge synchrotron techniques, Liu has explored the applications of x-ray microscopy, spectroscopy, and scattering in a broad range of scientific disciplines. Liu group's major effort has been devoted to the developments and applications of nanoscale x-ray spectro-microscopy since the early 2010s. In more recent years, with a focus on the microscopic study of battery materials and the associated scientific data/information mining methodology, his work has attracted worldwide attention and has opened vast scientific opportunities well beyond the battery science.

CURRENT ROLE AT STANFORD

Liu is leading the transmission x-ray microscopy (TXM) program at Stanford Synchrotron Radiation Lightsource. With a focus on energy material science, Liu's group is active in a broad range of research activities at synchrotron and FEL.

HONORS AND AWARDS

- William E. and Diane M. Spicer Young Investigator Award, Stanford Synchrotron Radiation Lightsource (Oct. 6, 2016)

EDUCATION AND CERTIFICATIONS

- B.S., University of Science and Technology of China , Physics (2004)
- Ph.D., University of Science and Technology of China , X-ray phase contrast imaging and tomography (2009)

LINKS

- SSRL Liu group: <https://liuyijinustcihepsl.wixsite.com/liugroup>
- Google scholar: <https://scholar.google.com/citations?user=M97p8wsAAAAJ&hl=en>