



Y. Zou Finfrock

Canadian Light Source Inc.
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Current Position

- Staff Scientist and Beamline Responsible, Canadian Light Source Inc. Manage the Canadian Light Source partner user program at the APS
- Beamline Scientist, sector 20 of the Spectroscopy group with the X-ray Science Division, Advanced Photon Source

Education & Employment History

- 2015 – Present: Staff Scientist/Beamline Responsible, Canadian Light Source Inc.
- 2013 – 2015: Associate Scientist, Canadian Light Source Inc.
- 2008 – 2012: Postdoctoral Researcher, Physics Department, University of Washington
- 2006 – 2007: Research Fellow, Institute for Chemical Research, Kyoto University
- 2001 – 2006: PhD in Physics, Ehime University

Honors

- 2001 – 2006: Government scholarship awarded by the Ministry of Education, Culture, Sports, Science and Technology (MEXT), Japan

Activities

- Proposal reviewer for Stanford Synchrotron Radiation Lightsource (SSRL) and Canadian Light Source Inc.
- Manuscript reviewer for Chemistry – A European Journal and Scientific Report

Interests

- I am interested in beamline technical development to enhance beamline capabilities and user experiments. Mainly focused on advanced spectroscopy and x-ray fluorescence imaging. I have been heavily involved in developing X-ray Excited Optical Luminance (XEOL), High Energy Resolution Fluorescence Detection (HERFD) and confocal x-ray fluorescence end stations at sector 20.

Ideas for Advocacy for the User Community

- As a point of contact for the Canadian Light Source partner user program and as a team member at sector 20, I have had the opportunity to act as a Beamline Scientist as well as a partner user.

In these roles, I am often approached by new users who wish to perform experiments on various beamlines at the APS. One aspect of my role involves building relationships with various beamlines at APS and communicating with the local beamline scientists to facilitate new users and new experiments. These relationships with various APS beamlines has created multiple new collaboration opportunities for CLS visiting scientists and user relationships for APS. As a program manager, I am also actively working on developing relationships with new users and publicizing new capabilities at the APS to our user community. All these activities have given me perspective on the needs of both users and beamlines of the APS. The APS upgrade is in full swing and it is important to keep our users informed and engaged. As a member of the APS Users Office Steering Committee, I would like to help ensure good communication between the APS user community (both general users and partner users) and the APS management throughout the upgrade with a focus to keep the community engaged and excited for the new era of the APS after the upgrade.