

Rigaku Oxford Diffraction to present X-ray diffraction poster at CrystalErice 2016



Rigaku Oxford Diffraction
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Rigaku Oxford Diffraction is presenting applications of using a silver source for single crystal X-ray diffraction at International School of Crystallography conference.

May 20, 2016 – The Woodlands, Texas. [Rigaku Corporation](#) is pleased to announce its participation at [CrystalErice 2016](#), presented by International School of Crystallography. The event will feature the course, *High-pressure Crystallography: Status Artis and Emerging Opportunities*, and will held May 27 through June 5, 2016 in Erice, Italy.

Fundamental topics covered in the course will include experimental techniques for pressure generation, X-ray and neutron diffraction on single crystal and powder materials, comparative structural studies and combined high-temperature and low-temperature experiments.

[Rigaku Oxford Diffraction](#) will be presenting a scientific poster, *Applications of Using a Silver Source for Single Crystal X-ray Diffraction*. Rigaku Oxford Diffraction has a range of high-flux, low-maintenance microfocus sources to suit the most challenging samples. The new microfocus silver source, *Silva*, is shown to extend the ability to study a wider range of samples than using traditional copper or molybdenum wavelengths.

A variety of experiments with the *Silva* source and its enhancements over other wavelengths will be discussed, with the results showing that, in many cases, silver radiation outperforms other available wavelengths in terms of data quality and data collection time.

About Rigaku

Since its inception in Japan in 1951, Rigaku has been at the forefront of analytical and industrial instrumentation technology. Rigaku and its subsidiaries form a global group focused on general-purpose analytical instrumentation and the life sciences. With hundreds of major innovations to their credit, Rigaku companies are world leaders in X-ray spectrometry, diffraction, and optics, as well as small molecule and protein crystallography and semiconductor metrology. Today, Rigaku employs over 1,400 people in the manufacturing and support of its analytical equipment, which is used in more than 70 countries around the world supporting research, development, and quality assurance activities. Throughout the world, Rigaku continuously promotes partnerships, dialog, and innovation within the global scientific and industrial communities.

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