

Rigaku Oxford Diffraction presents latest X-ray diffraction technologies at 2019 BCA Spring Meeting

Rigaku Oxford Diffraction is also hosting a users' meeting at the British Crystallographic Association Spring Meeting, presenting its latest X-ray diffraction innovations

April 16, 2019 – Nottingham, UK. [Rigaku Corporation](#) is pleased to announce its attendance at the British Crystallographic Association Spring Meeting ([BCA 2019](#)), Monday, April 15 to Thursday, April 18, 2019 at the Jubilee Campus of [University of Nottingham](#).

The meeting addresses current and future developments in single crystal X-ray diffraction ([SCXRD](#)) and features a diverse range of talks, posters, workshops and exhibitions. [Rigaku Oxford Diffraction](#) is presenting information about its current portfolio of macromolecular and small molecule crystallography instrumentation.

Rigaku - a key sponsor of the event – is showing the new Rigaku [HyPix-Arc 150°](#) curved Hybrid Photon Counting (HPC) X-ray detector for single crystal diffraction applications. The detector has the highest 2θ range at a single position available for the home lab, enabling the collection of more data in a single exposure with less reflection profile distortion.

Rigaku will also be hosting an afternoon users' meeting featuring talks on both single crystal and powder X-ray diffraction topics, the latter presented by Scientific and Medical Products, Ltd. ([SciMed](#)). The meeting will start at 2pm on Thursday, April 18th in Meeting Room 5, following the conclusion of the main BCA meeting, and will cover the latest developments at Rigaku in single crystal and powder X-ray diffraction, providing an opportunity to discuss users' research, experiences, and issues.

Registration information for the European Users' Meeting is available at <https://www.rigaku.com/mailers/eum2019/>.

Single crystal X-ray diffraction is performed by analyzing the pattern of X-rays diffracted by a single crystal - an ordered array of identical molecules. It is the most common experimental method of obtaining a detailed structure of a molecule that allows resolution of individual atoms.

About Rigaku Oxford Diffraction (ROD)

ROD was formed as the global single crystal business unit of Rigaku Corporation after the acquisition of the former Oxford Diffraction organization from Agilent Technologies in 2015. ROD is a leader in the field of single crystal analysis, both in the field of chemical crystallography as well as macromolecular crystallography. Formed in 1951, Rigaku Corporation is a leading analytical instrumentation company based out of Tokyo, Japan.

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