

Rigaku Oxford Diffraction Presents Latest Innovations at 2018 BCA Spring Meeting

Rigaku Oxford Diffraction is attending the British Crystallographic Association Spring Meeting, presenting its latest X-ray diffraction technologies

March 26, 2018 – Coventry, UK. [Rigaku Corporation](#) is pleased to announce its attendance at the British Crystallographic Association Spring Meeting ([BCA 2018](#)), Monday, March 26 to Thursday, March 29, 2018 at the University of Warwick, in Coventry, England. The meeting addresses current and future developments in single crystal x-ray diffraction ([XRD](#)) and features a diverse range of talks, posters, workshops and exhibitions. Information about the current portfolio of macromolecular and small molecule crystallography instrumentation from [Rigaku Oxford Diffraction](#) is being presented at Booth Number 1.

A scientific poster entitled *The [HyPix-6000HE](#) detector – No photon left behind* will be presented at the meeting. Over the last decade photon counting detectors have become the preferred standard in crystallographic experiments where optimum data quality is an essential requirement. The Rigaku HyPix-6000HE detector is a new hybrid photon counting (HPC) X-ray detector designed by Rigaku and available in the [Rigaku XtaLAB Synergy](#) line of single crystal X-ray diffractometers for chemical crystallography.



**Rigaku HyPix-6000HE Hybrid
Photon Counting Detector**

In addition to direct X-ray photon counting, single pixel point spread function and extremely low noise, the HyPix-6000HE HPC detector offers a small pixel size of 100 microns, enabling better resolution of reflections for long unit cells as well as improved reflection profile analysis.

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 well as macromolecular crystallography. Formed in 1951, Rigaku Corporation is a leading analytical instrumentation company based out of Tokyo, Japan.

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