

# Press Release

## The December 2018 Edition of the Crystallography Times Newsletter is Now Available Online

*Crystallography Times* vol. 10, No. 12, focusing on single crystal X-ray diffraction, is available from Rigaku Oxford Diffraction on the company's website.

**December 19, 2018 – The Woodlands, Texas.** The latest edition of [Crystallography Times](#) from [Rigaku Corporation](#) has been published and is now available on the company's global website.

*Crystallography Times* is a monthly electronic newsletter serving the X-ray analysis community, published by Rigaku Oxford Diffraction ([ROD](#)). It concentrates on single crystal X-ray diffraction and presents the latest news and crystallographic research.

The “Crystallography in the News” feature assembles current global news and developments in the fields of small molecule and protein X-ray diffraction. Each month, it highlights the latest research findings and advancements.

Featured news articles include reports about researchers from Charité – Universitätsmedizin Berlin, using X-ray crystallography, demonstrating - on a molecular level - how a specific protein allows light signals to be converted into cellular information.

Another news item discusses how Berkeley Lab researchers, in collaboration with scientists from SLAC National Accelerator Laboratory and the Max Planck Institute, have demonstrated that fluctuation X-ray scattering is capable of capturing the behavior of biological systems in unprecedented detail.

The Product Spotlight in the current issue features the [Rigaku XtaLAB Synergy DW](#) dual wavelength X-ray diffractometer with HPC X-ray detector. Combining the increased flux of a rotating anode X-ray source with the flexibility of two different wavelengths, this multi-functional single crystal X-ray diffractometer is ideal for laboratories exploring a wide range of research interests.



**Rigaku XtaLAB Synergy-DW  
high-flux dual wavelength  
diffractometer with HPC  
detector**

This month's "Lab in the Spotlight" section presents Rigaku's own application laboratory in the *Rigaku Europe SE* office in Neu-Isenberg, Germany. The facility consolidates all Rigaku European application labs in one easy-to-access location.

A selection of 19 recently published scientific papers, a schedule of upcoming events, a book review and two featured videos are also included. *Crystallography Times* is published monthly. Readers can subscribe to the newsletter or view the current issue online at <https://www.rigaku.com/subscribe>.

### **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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