Press Release

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The October edition of the *Crystallography Times* newsletter is online

Crystallography Times vol. 12, No. 8, focusing on single crystal X-ray diffraction, is available from the Rigaku company website.

October 26, 2020 – The Woodlands, Texas. The October edition of *Crystallography Times* from Rigaku Corporation is now available on the company's global website. *Crystallography Times* is an electronic newsletter published by Rigaku, serving the X-ray analysis community. It presents current news and crystallographic research, focusing on single crystal X-ray diffraction.

The new issue debuts a new format, designed to enhance readability, and includes information about, and registration access for, the upcoming *Advanced Topics in Practical Crystallography* lecture series taking place Dec. 7–11, 2020. The series will cover Powder and PDF Data Collection and Processing, High Pressure Cell Data Collection and Processing, Using Ewald3D, and Non-spherical Atom Renement with NoSpherA2.

The "Crystallography in the News" feature highlights the latest developments in protein and small molecule crystallography. One story features news about scientists at CalTech, HHMI and Rockefeller University determining the structures of eight COVID-19 human neutralizing antibodies to help better develop therapeutic strategies.

The spotlight product for October is the Rigaku XtaLAB Synergy-R high-flux rotating anode X-ray diffractometer. It was designed to address the increasing need to investigate smaller and smaller samples in crystallo-graphic research. Increased flux from a PhotonJet-R microfocus rotating anode X-ray source enables examination of significantly smaller crystals than previously possible, as well as delivering increased data collection speed for normal-sized crystals.

Rigaku XtaLAB Synergy-R high flux rotating anode X-ray diffractometer.

The “Lab in the Spotlight” feature presents the Northwestern University Integrated Molecular Structure Education and Research Center (IMSERC). Research projects focus on the structural characterization of layered distorted chalcogenide materials that possess usually incommensurate modulated superstructures

The October *Crystallography Times* also offers useful links to an open-access database of crystal structures of organic, inorganic, metal-organics compounds and minerals, and an online resource for the sharing and borrowing of educational resources for crystallography.

Featured videos, book reviews, a reader survey and access to the Rigaku X-ray Forum are also included.

Readers can subscribe to the newsletter or view the current issue online at https://www.rigaku.com/subscribe.

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 90 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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