

# Press Release

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## The new edition of *The Bridge*, the Materials Science newsletter from Rigaku, is now online

*Issue 50 of The Bridge newsletter from Rigaku concentrates on materials science and is available from the company's website*

**August 31, 2017 – The Woodlands, Texas.** The current edition of [The Bridge](#), the materials science newsletter from [Rigaku Corporation](#), is now available to view on the company's global website.

*The Bridge* is the materials analysis newsletter from Rigaku, presenting the latest news and analysis methods offered to keep the scientific community abreast of the latest developments in X-ray based materials science.

Numerous articles and scientific papers regarding X-ray diffraction ([XRD](#)), wavelength dispersive X-ray fluorescence ([WDXRF](#)), energy dispersive X-ray fluorescence ([EDXRF](#)) and Raman spectrometry are presented, along with new application papers for the various X-ray analytical techniques.

The August 2017 edition of *The Bridge* contains a recap of the recent *24th Congress & General Assembly of the International Union of Crystallography (IUCr)*, where attendees collected data on 37 single crystal samples at the [Rigaku Oxford Diffraction LiveLab](#), with 33 being ready for publication.

This month's issue also features a new [Rigaku Journal](#) article describing crystal structure analysis from powder X-ray diffraction data using the high-temperature attachment for capillaries on the [Rigaku SmartLab](#) XRD system. A report on the installation of one such system at the University of Manchester is also included.

Application papers are also included for TXRF, WDXRF and EDXRF techniques, including an Application Note highlighting "Sulfur Analysis in Petroleum Products by Benchtop WDXRF According to ASTM D2622-10."

The book review for August features *Protein Crystallography: Methods and Protocols* by Alexander Wlodawer. The book is a compilation of 27 reviews by 50 contributors on current methods in protein crystallography. The contributors are all recognized as leaders in their areas of specialization.

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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