

Press Release

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

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Issue 57 of The Bridge newsletter from Rigaku concentrates on materials science and is available from the company's website

March 27, 2018 – The Woodlands, Texas. The latest edition of [The Bridge](#), the materials science newsletter from [Rigaku Corporation](#), is now available online on the company's global website. *The Bridge* presents current news and analysis techniques related to the latest developments in X-ray based materials science, including news reports, articles and scientific papers.

The March 2018 edition of *The Bridge* contains three *Rigaku Journal* articles - The first is *Part IX* in a series exploring single crystal X-ray diffraction ([XRD](#)), while another discusses a sample preparation method for X-ray fluorescence ([XRF](#)) spectroscopy. The final article covers multi-dimensional analysis in [powder XRD](#).

A special report on ARABLAB '18 is presented. [ARABLAB](#) is the largest B2B trade show for laboratory science and instrumentation in the Middle East and the 35th edition was held from March 18 – 21, 2018 at Dubai International Convention & Exhibition Centre, United Arab Emirates.

Application reports are presented for various X-ray analysis techniques, including energy dispersive X-ray fluorescence ([EDXRF](#)) wavelength dispersive X-ray fluorescence ([WDXRF](#)), Raman spectroscopy, and single crystal X-ray diffraction ([SCX](#)).

"Material Analysis in the News" presents the latest global news stories, including a report from Osaka University about the first direct observation of topology hidden inside materials in the matter group called cerium monopnictides, and an article about a new type of solar cell that is thin like plastic film and inexpensive to produce, expected to hit the market within the next two years.

"Recent Scientific Papers of Interest" - a monthly compilation of material analysis papers appearing in recently released journals and publications - features 21 recently published papers on a variety of research relating to materials science.

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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