Press Release

Rigaku Corporation
Michael Nelson
Global Marketing Coordinator
michael.nelson@rigaku.com

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

Issue 59 of The Bridge *newsletter from Rigaku concentrates on materials science and is available from the company's website*

May 31, 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 May 2018 edition of The Bridge contains application papers for X-ray diffraction (XRD), ultra small angle X-ray scattering (USAXS), energy dispersive X-ray fluorescence (EDXRF) and wavelength dispersive X-ray fluorescence (WDXRF).

A special report regarding a recent International Distributors Meeting by Nippon Instruments Corporation (NIC), Rigaku's mercury analysis division, chronicles the meeting and a special field trip to Minamata, Japan, to explore the origins of the modern mercury poisoning disease phenomena (Minamata disease is a neurological syndrome caused by severe mercury poisoning).

The new issue also presents a featured new product, *SmartLab Studio II*, an integrated X-ray measurement and analysis software, incorporating a new real-time search & match feature. A contributed article, recently published in the *Australian X-ray Analytical Association Newsletter* on hybrid pixel counting (HPC) detectors, is also included.

"Material Analysis in the News" presents the latest global news stories, including a report the creation of a robot by researchers at the University of Tokyo, Japan that can automatically assemble two-dimensional (2D) crystalline materials. Van der Waals heterostructures, which are assemblies of atomically thin 2D crystalline materials, are of interest in nanotechnology for their attractive conduction properties.

"Recent Scientific Papers of Interest" - a monthly compilation of material analysis papers appearing in recently released journals and publications - features 18 recently published papers on 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.

For further information, contact:

Michael Nelson
Global Marketing Coordinator
Rigaku Corporation
michael.nelson@rigaku.com

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