

Press Release



Rigaku Corporation
9009 New Trails Drive
The Woodlands
Texas 77381 USA

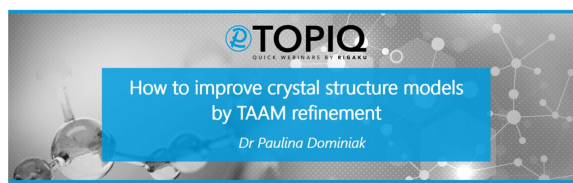
Rigaku to Present TOPIQ Webinar on Improving Crystal Structure Models by TAAM Refinement

The TOPIQ webinar series from Rigaku is designed to help maintain productivity during times of social distancing and shutdowns with the latest in home laboratory equipment.

June 23, 2020 – The Woodlands, Texas. [Rigaku Corporation](#), a global leader in X-ray analytical instrumentation, is pleased to announce the next event in a series of TOPIQ webinars, which will cover the Transferable Aspherical Atom Model (TAAM) of X-ray scattering.

The TOPIQ series of webinars was developed in response to social distancing measures that resulted in postponements and cancellations of global meetings and conferences over concerns about the spread of the coronavirus (COVID-19). The series was designed to accommodate those who are currently unable to attend live events, offering alternative means to access information on the latest development in X-ray based analytical technology and applications.

The series features short presentations on a variety of topics related to X-ray fluorescence spectrometry ([XRF](#)), X-ray diffraction ([XRD](#)), and [protein](#) and [small molecule](#) X-ray crystallography, and includes programs focusing on different applications and techniques.



The next TOPIQ webinar, *How to Improve Crystal Structure Models by TAAM Refinement*, will take place on Thursday, June 25, 2020 at 5 pm (CEST), 10 am (CDT).

The Transferable Aspherical Atom Model (TAAM) improves on the Independent Atom Model (IAM), used to refine crystal structure from diffraction data, by taking into account aspherical electron density deformations and partial charge transfer occurring due to chemical bond formation, lone pairs' presence and other phenomena.

Event registration, along with links to topic descriptions and a schedule of upcoming webinars, is available at www.rigaku.com/webinars.

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