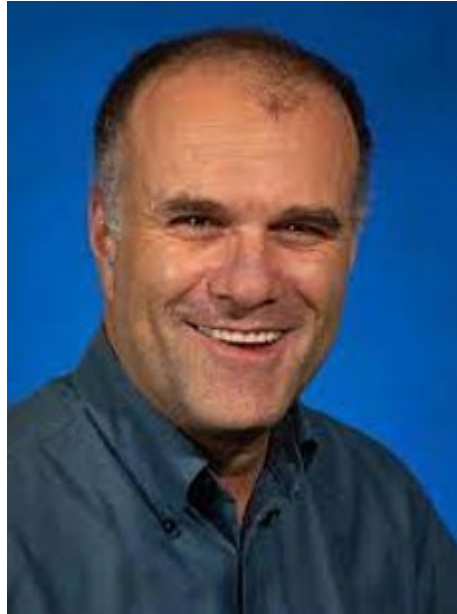


PLENARY SPEAKER I



Bruce Ravel

National Institute of Standard and Technology, Gaithersburg MD USA

Optimizing an XAS Beamline for User Experience

The Beamline for Materials Measurement, BMM, at Brookhaven National Laboratory's National Synchrotron Light Source II is part of a suite of beamlines constructed and operated by The National Institute of Standards and Technology. After a brief introduction to the beamline and its instrumentation, I will discuss some user experience concepts that have motivated development of the capabilities of the beamline. During the time of Covid, automation and other efficiencies allowed us to run a vigorous mail-in program. Those improvements have had a very positive impact on the quality of the user experience now that users are returning to on-site experimentation. I will end the presentation with a quick look at beamline improvements we hope to implement in the coming year and how those will impact our user experience.

