“Spectroscopy Applied to Structure, Dynamics, and Imaging”

Invited Speakers:

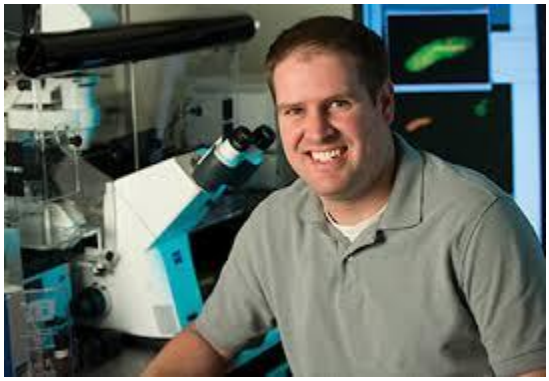
Chris Cheatum (Associate Professor, University of Iowa) will present on his work using 2D IR spectroscopy to study the structure and dynamics of biologically important systems with femtosecond time-resolution.
https://chem.uiowa.edu/cheatum-research-group

Renee Frontiera (Assistant Professor, University of Minnesota) will present on her research using new ultrafast spectroscopy techniques to probe chemistry in complex environments and at interfaces.
http://frontiera.chem.umn.edu

Christy Landes (Professor, Rice University) will present her group's research using single molecule spectroscopy to study dynamic heterogeneity and its role in biological and synthetic materials function.
http://www.lrg.rice.edu

Emily Smith (Associate Professor, Iowa State University) will present her group's work to characterize thin thin films.
http://group.chem.iastate.edu/Smith/

Brian Slaughter (Co-Director of Microscopy, Stowers Institute for Medical Research) will present methods developed to study protein interactions and dynamics in live cells.



Jay Unruh (Co-Director of Microscopy, Stowers Institute for Medical Research) will describe applications of super-resolution imaging to model organisms.