

- 1:00—1:15 Dominika Borek (UT Southwestern Medical Center)  
*Assembly and Introduction*
- 1:15—1:45 Kristopher White (Stanford University)  
*Characterizing Protein Mechanics with Electric Fields at BioCARS*
- 1:45—2:15 Ana Gonzalez (SSRL, SLAC National Accelerator Laboratory)  
*Conformational Variation of Proteins and Radiation Damage*
- 2:15—2:45 Zbyszek Otwinowski (UT Southwestern Medical Center)  
*Decomposition of Electron Density Maps Corresponding to a Single  
Crystal Form to Chemical Signals*
- 2:45—3:15 Break
- 3:15—3:45 David Akey (University of Michigan)  
*Massively Multiple Merged Data for Low-resolution Native SAD Phasing*
- 3:45—4:15 Diana Tomchick (UT Southwestern Medical Center)  
*Strategies to Address Macromolecular/Ligand Complex Structures in the  
Context of an Academic Service Laboratory*
- 4:15—4:45 Wladek Minor (University of Virginia)  
*Reproducibility in Biomedical Sciences Big Data Perspective*
- 4:45—5:00 Karolina Michalska (Argonne National Laboratory) and Diana Tomchick  
(UT Southwestern Medical Center)  
*Discussion and Concluding Remarks*