

HTP Methods for Protein NMR Structure Analysis

Used by the NIGMS Protein Structure Initiative

January 10th – Beaver Room Peak 5

- 11:15 – 11:20 AM *Survey of workshop agenda and NESG Wiki project*
Thomas Szyperski, NESG, State University of New York at Buffalo
- 11:20 – 11:30 AM *NESG Wiki: Protein sample production*
Michael Kennedy, NESG, Miami University
- 11:30 – 11:40 AM *Target selection strategy for high-output NMR structure determination*
Pedro Serrano, JCSG, The Scripps Research Institute
- 11:40 – 11:50 AM *NESG Wiki: NMR data acquisition*
Alexandre Eletsky, NESG, State University of New York at Buffalo
- 11:50 – 12:00 PM *Use of microcoil NMR spectroscopy with membrane proteins*
Reto Horst, JCSG, The Scripps Research Institute
- 12:00 – 12:10 PM *NESG Wiki: NMR data processing*
Hsiau-Wei Lee, NESG, University of Georgia
- 12:10 – 12:20 PM Pick-up lunch boxes**
- 12:20 – 12:30 PM *NESG Wiki: NMR resonance assignment*
Aleks Gutmanas, NESG, University of Toronto
- 12:30 – 12:40 PM *LACS, PINE and TARA software*
John Markley, CESH, University of Wisconsin
- 12:40 – 12:50 PM *NESG Wiki: NMR structure calculation and validation*
Jim Aramini, NESG, Rutgers University
- 12:50 – 1:00 PM *New developments at BMRB aimed at streamlined depositions*
Eldon Ulrich, CESH, University of Wisconsin
- 1:00 – 1:10 PM *Perspectives for PSI: Biology*
Gaetano Montelione, NESG, Rutgers University
- 1:10 – 1:20 PM Coffee break**
- 1:20 – 2:00 PM *NESG Wiki: Hands-on session*