**Elizabeth Rhoades**, Yale University, Subgroup Chair

**Intrinsically Disordered Proteins Subgroup 2016 Symposium**
**Saturday, February 27, 2016**
**Los Angeles, California**

**10:00 AM - 6:30 PM**

**Program Chairs:** *Jane Dyson*, Scripps Research Institute, *Martin Blackledge*, IBS

**10:00 AM Subgroup Business Meeting**

**12:30 PM Opening Remarks and Introduction**

12:35 PM *Keynote 1: Markus Zweckstetter*, Max Planck Institute, Germany
*Intrinsically Disordered Proteins in Neurodegeneration*

1:20 PM *David Eliezer,* Cornell University, Weill Medical College
*Balancing Order and Disorder in Neurodegeneration and Neurotransmission*

1:45 PM *David Mercadante,* HITS gGmbH- Heidelberg Institute for Theoretical Studies
*The Basis and Advantages of Extreme Plasticity: Nucleoporins as a Paradigm*

**2:10 PM Post-doc Award Speakers**
*Shana Elbaum-Garfinkle,* Princeton University
*Phase Separation of Disordered Proteins into Liquid Droplets with Tunable Properties*
*Alexander Tischer*, Mayo Clinic
*A Goldilocks Predicament for Von Willebrand Factor mediated Platelet Adhesion*

2:40 PM *Jeetain Mittal,* Lehigh University
*Structure and Dynamics of Intrinsically Disordered Proteins from a Physics-based Model*

3:05 PM *Norman Davey,* University College Dublin, Ireland
*Discovery and Characterisation of Novel Functional Modules in Intrinsically Disordered Regions*

**3:30 PM Coffee Break**

3:50 PM *Vince Hilser*, Johns Hopkins University
*Simultaneous Tuning of Activation and Repression in Intrinsic Disorder-Mediated Allostery*

4:15 PM *Sarah Bondos, Texas A&M Science Health Center*
*Searching for regulatory "structure" in a disordered protein: A Hox transcription factor tail*

4:40 PM *Sara Vaiana,* Arizona State University

*Slow Internal Dynamics and Charge Expansion in IDPs of the Ct family: Comparing Amyloid and Non-amyloid Variants*

5:05 PM *Toshio Ando,* Kanazawa University, Japan
*Structural and Functional Analyses of IDPS by High-speed AFM Imaging*

5:35 PM *Keynote 2: Phil Selenko,* Leibniz-Institut für Molekulare Pharmakologie Berlin, Germany
*Atomic-resolution in-cell NMR Analysis of Alpha-synuclein in Mammalian Cells Reveals a Disordered Monomer*

**6:20 PM Closing Remarks**