9:00-9:30 - Refreshments, Introductory remarks
9:30-10:10 - Karen Fleming
Biophysics Department, Johns Hopkins University
"Adventures in folding membrane proteins"
10:10-10:50 - William Eaton
Laboratory of Chemical Physics at NIDDK, NIH
"The physical basis for inhibiting hemoglobin S fiber formation to treat sickle cell disease"

Coffee Break

11:00-11:40 - Dave Thirumalai
Department of Chemistry, The University of Texas at Austin
"Out of equilibrium glassy dynamics of interphase chromosomes"
11:40-12:20 - Victor Muñoz
Bioengineering Department, University of California, Merced
"Engineering Protein Assemblies with Built-In Allosteric Control Based on Monomer Fold-Switching"

Lunch

2:00-2:40 - Dorothy Beckett
Department of Chemistry & Biochemistry, University of Maryland
"How Does Coupled Binding & Folding Yield Allostery?"
2:40-3:20 - Amnon Horovitz
Department of Structural Biology, Weizmann Institute of Science
"Chaperonin nano-machines: allosteric and function"

Coffee Break

3:30-4:10 - G. Marius Clore
Laboratory of Chemical Physics, NIDDK, NIH
"Exploring dark states in substrate-GroEL interactions by NMR"
4:10-4:50 - George Lorimer
Department of Chemistry & Biochemistry, UMD
"GroEL: a protein machine with rings, hinges and pistons"