



20th International AUC Conference

San Antonio, Texas
March 25th - 30th, 2012

The 20th International Analytical Ultracentrifugation Conference Symposium & Workshop

to be held in San Antonio, Texas, March 25-30, 2012

Workshops (March 25-27), Conference Symposium (March 28-30)

Keynote Speaker: Kensal E. van Holde

Symposium Topics:

- Solution methods for studying macromolecules
- Technical and methodological innovations in solution studies by AUC and SAXS/SANS
- High-concentration systems
- Hydrodynamic modeling
- Aggregation and neuro-degenerative diseases
- Chromatin and nuclear complexes
- Nanoparticle Characterization
- Cross-cutting techniques (light scattering, small angle X-ray and neutron scattering, ITC, etc.)
- Synthetic polymers, colloids and material sciences
- Biological systems
- Interacting systems
- Supramolecular assemblies
- Composition and Anisotropy Analysis

Workshops (3/25 - 3/27):

- UltraScan Workshop - High-resolution analysis of sedimentation experiments for interacting and non-interacting systems - Borries Demeler, University of Texas Health Science Center at San Antonio
- AUC Workshop – Intro to AUC: Optical systems and Principles of AUC, High Concentration Systems - Thomas Laue, University of New Hampshire
- DCDT+, Svedberg - Sedimentation Velocity Sednterp – Solution properties - John Philo, Alliance Protein Laboratories, Thousand Oaks, Ca.
- Sedanal Workshop - Analysis of heterologous interacting systems with AUC experiments - Walter Stafford, Boston Biomedical Research Institute
- US-SOMO Workshop - Bead Modeling, SAXS/ SANS modeling, - Emre Brookes, UTHSCSA, Mattia Rocco, IST, Genova Italy
- A2B Bead Modeling - Olwyn Byron, University of Glasgow UK
- HeteroAnalysis – Sedimentation Equilibrium - James Cole, University of Connecticut

For more Information and Registration please visit:

<http://www.auc2012.uthscsa.edu>

Registration Deadline: January 15th, 2012