



21st International Conference on Analytical Ultracentrifugation,
Hydrodynamics, Thermodynamics and Complementary Methods
September 23rd-28th

21st International Conference on Analytical Ultracentrifugation, Hydrodynamics and Complementary Methods

to be held in Atami, Japan, September 23 – 28, 2013

Workshop (September, 23^d – 25th)

- Introduction to AUC
- Sedfit/Sedphat
- Ultrascan
- Sedanal
- DC/DT+
- Hydrodynamics & SAXS

- Nanoparticles
- HeteroAnalysis

- Tom Laue (U New Hampshire, USA)
- Peter Schuck (NIH, USA)
- Borries Demeler (UTHSCSA, USA)
- Walter Stafford (USA)
- John Philo (Alliance Protein, USA)
- Mattia Rocco (IST Genova, Italy),
- Olwyn Byron (U Glasgow, UK)
- Jose Garcia de la Torre (U Marcia, Spain)
- Helmut Cölfen (U Konstanz, Germany)
- James Cole (U Connecticut, USA)

Symposium (September 25th – 27th)

- AUC: calibration and accuracy
- AUC instrumentation and data analysis
- Quantification of aggregates in biopharmaceuticals by AUC and complementary methods
- AUC of membrane proteins
- Nanoparticles and particulate assemblies
- Polymers and polymer assemblies
- Highly concentrated solution and crowding effect
- Biological systems
- Cross-cutting techniques: small angle scattering and light scattering
- Modeling
- Recent instrumentation and methodology for studying protein-protein interactions

- Peter Schuck
- Tom Laue & Borries Demeler
- John Philo & Elena Krayukhina

- Karen Fleming
- Helmut Cölfen
- Steve Harding & Christine Wandrey
- Allen Minton
- German Rivas & Fumio Arisaka
- James Cole

- Olwyn Byron & Emre Brookes
- Carlos Enrique Catalano & Susumu Uchiyama

Keynote speaker : Walter Stafford (BBRI)

Invited speakers: Allen Minton (NIH, USA), Christine Ebel (IBS, France), German Rivas (CIB, Spain), and others

For more information and registration please visit: <http://auc2013.com>

Early registration deadline: June 30th, 2013