

Small-Angle Scattering SIG report 2010

SAS SIG sponsored two stand-alone and co-sponsored 7 sessions this year. Those that had taken place before the SIG meeting had very good attendance, in particular membranes and associated proteins, fibril-forming pathological peptides, and pushing the envelope of SAXS. The session organizers are commended for their effort.

SIG officer:

We nominated three individuals as chair-elect candidates for the next year. Two stand-alone sessions specific to SAS techniques and four co-sponsored sessions have been proposed for 2011. A practical workshop on biological solution x-ray scattering studies is being considered for 2011. We will get in touch with IUCR organizers and find out if they plan a similar activity to avoid duplication of effort.

2011 ACA Annual Meeting in New Orleans session suggestions:

SAS-sponsored

Computational (SAXS/WAXS, modeling, theory)

Surface and interfaces (more bio-oriented than this year's)

Soft condensed matter and SAS

Co-sponsored sessions:

Complementary tech (w biomac)

Energy-related (w fiber, possible with others mat'l/powder)

Detectors (SR), implications for science enabled by new tech.

Membrane proteins and membranes (biomac)

Workshop:

Tutorial on SAXS (bio. soln scat, hand-on, computational). Will contact with an IUCr organizer to see if a similar workshop is being held in Madrid.