

Fiber SIG Report 2009 and 2010

Past officers:

Past Chair, Gerald Stubbs

Chair, Joseph Orgel

Chair-elect, Paul Langan

Secretary, Olga Antipova

Nominees for office:

Chair, Paul Langan

Chair-elect, Olga Antipova

Secretary, Thomas Irving

(Past-chair is Joseph Orgel)

The FiberSIG proposed and administered two sessions for the 2010 Chicago meeting in Toronto in 2009:

07.09 Fibril-forming Pathological Peptides: Prions, Amyloids & "Friends" (Fiber, SAS, Sync) - Attempts to understand the structural aspects and / or roles of these disease-associated fibrils through a range of techniques, including, but not limited to fiber diffraction. - Chair: Joseph Orgel

and

03.01 New Developments in Fiber Diffraction: Cryo-, Micro-diffraction and Complementary Techniques -Contributions to technique development and structural studies of fibrous systems in the light of recent developments in techniques and facilities. Chairs: Paul Langan, Joseph Orgel

Both sessions were well attended, the 'amyloid' session in particular. The SIG determined that there a positive way to build on this success is make sure we contribute to or run a subject-orientated session more frequently in addition to running the fiber diffraction methods type session regularly run every other year. It was agreed that the Fiber SIG would co-sponsor an energy related session for the 2011 meeting despite this being in the formal 'off' year for the SIG. Additionally, it was proposed that we would run (and seek co-sponsorship) for an energy-related (specifically a 'biofuel') session in the 2012 meeting in addition to the formal fiber diffraction session (which, yes, will probably feature some amyloid talks.....).

SIG officer nominations were decided upon by the nomination committee in consultation with the SIG members at the meeting (see above).

Respectfully submitted by Joseph Orgel