Silicones and Silicone-Modified Materials VI

a Symposium at the
243rd American Chemical Society National Meeting
San Diego, California, March 25-29, 2012

The current world-wide sales of polysiloxanes or silicones is approximately $10 billion per year. Commercial products range from those entirely composed of silicone to products where the silicone is a low level but key component. This symposium will cover the recent academic and technological developments behind silicones and silicone-modified materials and the sessions will be of wide interest to both the academic and to the industrial communities. The papers from our five highly successful symposia in this important area have been published in the following books: **'Silicones and Silicone-Modified Materials'**, (Eds. S. J. Clarson, J. J. Fitzgerald, M. J. Owen and S. D. Smith), ACS Symposium Series Vol. 729, 2000, ISBN 0-8412-3613-5, **'Synthesis and Properties of Silicones and Silicone-Modified Materials'**, (Eds. S. J. Clarson, J. J. Fitzgerald, M. J. Owen, S. D. Smith and M. E. Van Dyke), ACS Symposium Series Vol. 838, 2003, ISBN 0-8412-3804-9, **'The Science and Technology of Silicones and Silicone-Modified Materials'**, (Eds. S. J. Clarson, J. J. Fitzgerald, M. J. Owen, S. D. Smith and M. E. Van Dyke), ACS Symposium Series Vol. 964, 2007, ISBN13 978-0-8412-3943-2, **'Advances in Silicones and Silicone-Modified Materials**, ACS Symposium Series Vol. 1051, 2012, ISBN13 978-0-8412-2559-6 and **'Progress in Silicones and Silicone-Modified Materials'**, in preparation.

Topics to be covered will include:

Silicon and organosilicon chemistry
Silicon biochemistry and silicon biocatalysis
Silicone-modified organic systems
Silicone-modified inorganic systems
Silicone-containing polymers and copolymers
Silsequioxanes
The science and technology of:
Fluids, rubbers, gels and resins
Adhesives and adhesion
Water-borne systems
Biomedical products
Electronics and photonic materials
Automotive products
Surface and interfacial agents
Personal care products
Processing aids

We will look forward to seeing you in San Diego, California!

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