

Silicones and Silicone-Modified Materials V

a Symposium at the American Chemical Society National Meeting Washington, D. C., August 16-20, 2009

The world-wide sales of polysiloxanes or silicones at the beginning of this new millennium 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 industrial communities. The papers from our four highly successful symposia in this important area are published in the 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, 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 and '**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, ISBN 978-0-8412-3943-2.

Topics to be covered will include:

- Organosilicon chemistry
- Silicone-containing copolymers
- Silicone-modified organic systems
- Silicone-modified inorganic systems
- Silsequioxanes
- Science and technology of:
 - Elastomers, fluids and resins
 - Pressure sensitive adhesives
 - Water-borne systems
 - Biomedical products
 - Electronics encapsulents
 - Liquid crystals
- Surface and interfacial agents
- Personal care products
- Processing aids

Please submit an ACS Abstract and ACS Polymer Preprint for an oral or poster presentation using the ACS web site by March 18, 2009. We will look forward to seeing you in Washington, DC!

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