



# Open Seminar

Sundsvall February 3, 15.00  
Mittuniversitetet Lecture Hall O111

## Fundamental Aspects and promising Attributes of Midblock-Sulfonated Block Ionomers



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Block copolymers continue to capture the attention of the academic and industrial worlds due largely to their fascinating ability to spontaneously self-assemble into a wide variety of "soft" nanostructures that are ideally suited for a broad range of diverse nanotechnologies. The development of thermoplastic elastomers (TPEs), such as triblock copolymers with glassy endblocks and a rubbery midblock, also endows these materials with elastic network-forming characteristics, and selective solvation of the rubbery midblock results in thermoplastic elastomer gels (TPEGs) with remarkable mechanical properties for dielectric elastomers, shape-memory systems, and flextronics.

**Next Open Seminar:**  
Thursday February 4th 2016  
11.00 – 12.00  
Mittuniversitetet O102  
Marita Niemelä, Valmet

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