

Center for Functional Materials Seminar

Tuesday, September 22, 2015
Axelia Ringbom, Åbo Akademi, Turku

12.45-13.15 Registration and coffee.

Chairman John Eriksson, Åbo Akademi

13.15-13.30: Introduction of the FunMat: Functional materials for future interactive products.
Prof. Ronald M. Österbacka (Director), Physics

13.30-14.30 Special lecture by *Professor Robert Goldman, Department of Cell and Molecular Biology Northwestern University Feinberg School of Medicine*
"Intermediate filaments are strain-stiffening biopolymers involved in cell shape, mechanics, and motility"

14.30-15.00 Coffee break

FunMat internal workshop

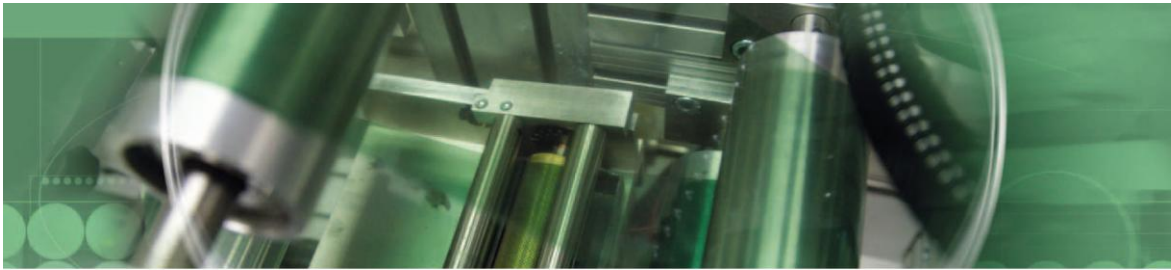
15.00-15.15: Active regulation through controlled stimulation.
Markus pesonen, M.Sc Department of Physics, Center for Functional Materials, Åbo Akademi

15.15-15.30: Nano and Microfibrillated cellulose films.
Ruut Kummala M.Sc. Laboratory of Paper Coating and Converting Åbo Akademi

15.30-15.45 Pigments in paper-based cell growth substrates.
Diosángeles Soto Véliz M.Sc Laboratory of Paper Coating and Converting Åbo Akademi

15.45-16.00: Polymer technology development for tissue regeneration.
Melanie Aubert, Ph.D. Laboratory of Polymer Technology, Åbo Akademi

16.00-16.15: Design of cell growth platforms
Petri Ihalainen, Ph.D. Laboratory of physical chemistry Åbo Akademi



16.15-16.30: Cell biology: Strategy and challenges of the FunMat Consortium.
Erik Niemelä, M.Sc. Turku Centre for Biotechnology Åbo Akademi University

16.30-17.15: Chalk talk

18.00 - Dinner at Hus lindman .

Further information and registration by 21 September to habelka@abo.fi.



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