



*Turku University Centre for
Materials and Surfaces*

9th Annual MatSurf Seminar

Monday 09.11.2015 in Department of Physics and Astronomy, Quantum Auditorium

09.00 **Opening of the seminar:** Vice-Rector Prof. Kalle-Antti Suominen

09.05 Prof. Kurt Gloos

What is MatSurf?

09.10 **Invited lecture:** Prof. Maarit Karppinen (Aalto University, Helsinki)

Atomic/molecular layer-engineered inorganic-organic hybrid materials: from fundamentals to energy applications

10.00 Hellen Santos (Laboratory of Materials Chemistry and Chemical Analysis)

Luminescent Non-Doped Laponites: Anionic Layered Nanosilicates

10.20 Coffee break

10.50 Bhushan Gadgil (Laboratory of Materials Chemistry and Chemical Analysis)

Viologen Based Electroactive Materials for Smart Electrochromic Windows

11.10 **Invited lecture:** Prof. Jesper Nygård (University of Copenhagen)

Advanced III-V nanowire designs: superconductor-semiconductor heterostructures for quantum electronics and vertical arrays for cell biology

12.00 Lunch break

13.00 Minnamari Saloaro (Wihuri Physical Laboratory)

Improving Sr_2FeMoO_6 thin films towards spintronic applications

13.25 Marjukka Tuominen (Materials Research Laboratory)

Oxidized crystalline (3×1) -O surface phases of InAs and InSb studied by high-resolution photoelectron spectroscopy

14.00 **Invited lecture:** Prof. Olle Eriksson (University of Uppsala)

Modeling of materials, what can and can't be done

14.50 Oral poster presentation (max 2 minutes one slide / poster)

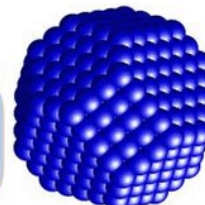
15.20 Poster session (open end with snacks and drinks).

On behalf of the MatSurf board

Kurt Gloos

The National Doctoral Programme
in Nanoscience

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