

2021 November Networking -- ALD at Aalto University Friday 26.11.2021

Event webpage:

<https://www.aalto.fi/en/events/2021-november-networking-ald-at-aalto-university>

Programme (may be subject to change)

(10:00 Posters can be set up in the downstairs aula)

13:15 Opening of the event, Prof. Riikka Puurunen (5 min)

13:20 Brief introduction to atomic layer deposition (ALD), Prof. Riikka Puurunen (15 min)

13:35 Prof. Ruud van Ommen, Delft University of Technology: "An ALD chapter in Kirk-Othmer Encyclopedia of Chemical Technology: both for beginners and experts" (35 min)

14:10 Prof. Riikka Puurunen, Aalto University: "Virtual Project on the History of ALD in perspective: past, present and future" (20 min)

14:30 Sponsor highlight: Beneq, Dr. Jaakko Sormunen (5 min)

14:35 Sponsor highlight: Picosun, Dr. Tiina McKee (5 min)

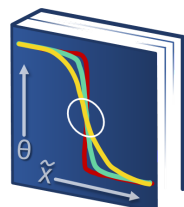
14:40 Coffee + posters + networking (1 h 20 min)

16:00 Prof. Anatolii Malygin, St. Petersburg State Institute of Technology: "Molecular layering method - from the 20th to the 21st century" (30 min)

16:30 Prof. Sean Barry, Carleton University: "Surface reactions: how do they work?" (60 min)

17:30 Refreshments + more networking

18:00 Event ends



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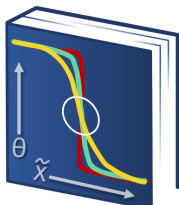


BENEQ

picosun

Poster's presenters and titles:

- **Gizem Ersavas Isitman** (Aalto University): Numerical Simulations of the Atomic Layer Deposition Process
- **Zahra Ahaliabadeh** (Aalto University): Understanding the Stabilizing Effects of Nanoscale ALD Coatings on Lithium-Ion Battery Positive Electrode Materials
- **Jihong Yim** (Aalto University): Zinc grown on mesoporous powders by atomic layer deposition
- **Niko Heikkinen** (VTT): Bridging ALD precursor diffusion modelling with industrially relevant heterogeneous catalyst performance
- **Jorge Velasco** (Aalto University): Conceptual design of a fixed-bed powder ALD reactor at Aalto Catalysis
- **Jaakko Saarilahti** (Chipmetrics Oy): PillarHall LHAR4 - Measurement tool for thin film conformality



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