



Workshop

ALD for Batteries

15-16 September 2015

Ghent, Belgium

CoCooN

co-organisier:



Tuesday 15 September 2015 - Het Pand

- 09:30 Registration
- 10:00 **Philippe Vereecken**, IMEC
Invited Talk - *Conformal deposition for 3D thin-film batteries: requirements and opportunities*
- 10:45 **Sebastien Moitzheim**, IMEC
Spatial ALD of TiO₂ for 3D thin-film batteries
- 11:15 **Felix Mattelaer**, Ghent University
ALD of Manganese oxides
- 11:45 **Mikko Ritala**, University of Helsinki
Invited Talk - *Preparation of Lithium containing ternary oxides by solid state reaction of atomic layer deposited thin films*
- 12:30 Lunch
- 13:30 **Maarit Karppinen**, Aalto University
Invited Talk
- 14:15 **Kevin van de Kerckhove**, Ghent University
Molecular Layer Deposition of Titanicone
- 14:45 **Miia Mäntymäki**, University of Helsinki
Fluorides as active materials in lithium-ion batteries
- 15:15 Break
- 15:45 **Adriana Creatore**, TU Eindhoven
Invited Talk - *Plasma ALD of Li-based materials*
- 16:30 **Thomas Dobbelaere**, Ghent University
ALD of phosphates
- 17:00 Closing remarks

Wednesday 16 September 2015 – Dept. Solid State Sciences

- 09:00 **Ola Nilsen**, University of Oslo
Invited Talk - *ALD of Li-containing compounds*
- 09:45 **Amund Ruud**, University of Oslo
High rate iron phosphates by ALD
- 10:15 Break
- 10:45 **Ruud Van Ommen**, TU Delft
ALD on battery particles
- 11:30 **Geert Rampelberg**, Ghent University
Thermal and plasma enhanced ALD on powders
- 12:00 Lunch
- 13:30 Tour of the Lab

Registration

Participation is free of charge (limited number of places).
Please register before 1 September 2015.

Venue

The workshop takes place at
Het Pand, Onderbergen 1, 9000 Gent, Belgium
Dept. Solid State Sciences, Krijgslaan 281, 9000 Gent

Sponsors



FWO – WOG "Surface Modification of Materials"
FWO - WOG "Catalysis - from active sites to reactors"

Further Information

www.cocoon.ugent.be/workshop-batteries

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