

ALD 2018

18th International Conference on Atomic Layer Deposition

July 29 – August 1, 2018 Songdo Convention Center, Incheon, South Korea

Call for Abstracts

Deadline : February 16, 2018

ALD/ALE 2018 Plenary & Tutorial Speakers

ALD Plenary Speakers

- Seung Ho Pyi (SK Hynix, South Korea)
- Jin Sung Chun (Wonik IPS, South Korea)
- Masayuki Tomoyasu (Samsung Electronics, South Korea)

“Semiconductor Manufacturer’s View and Entreaty to Atomic Layer Etcher”

ALD Tutorial Speakers

- ChunHwan Kim (SK Hynix, South Korea) : Overview of ALD Applications
- Wonyong Koh, (UP Chemical, South Korea) : Overview of ALD Precursors
- Erwin Kessels (University of Eindhoven, The Netherlands) : In-situ Studies of ALD Processes and Reaction Mechanisms
- Gregory N. Parsons (NCSU, USA) : Overview of Area Selective Deposition
- Mike Cooke (Oxford Instruments, USA) : Impact of ALE on Process Tool Design
- Peter L.G. Ventzek (TEL, USA)

Tentative Topics & Invited Speakers

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| 1. ALD Application
: Semiconductor, Display, Energy (Solar, Battery, Fuel etc.), | • Jae-Young Ahn (Samsung Electronics, South Korea) |
| 2. ALD Fundamentals
: Precursor, Growth and Characterization for ALDs | • Bongjin Kuh (Samsung Electronics, South Korea) |
| 3. ALD for Manufacturing
: Emerging Equipment, Novel ALD Process and Sensing | • Sean Barry (Carleton University, Canada) |
| 4. Area Selective ALD
: Selective ALD by activation and deactivation | • Mikhael Bechelany (IEM-CNRS, France) |
| 5. Emerging Materials
: Organic and Inorganic, Multi-layers and Multi-components | • John Conley (Oregon State University, USA) |
| 6. Nanostructure Synthesis and Fabrications
: 0 and 1 Dimensional materials, 2D related material/devices | • Neil Dasgupta (University of Michigan, USA) |
| | • Christophe Detavernier (Ghent University, USA) |
| | • Hyungchul Kim (SK Hynix, South Korea) |
| | • Min Hwan Lee (University of California, Merced) |
| | • Adrie Mackus (TEU, The Netherlands) |
| | • David Munoz-Rojas (LMGP-CNRS, France) |
| | • TaeJoo Park (Hanyang University, South Korea) |
| | • Paul Poodt (TNO/Hoist Center, The Netherlands) |
| | • Yong Qin (Institute of Coal Research, CAS, China) |
| | • Xueliang Sun (Univ. of Western Ontario, Canada) |

Abstract Submission Guidelines

Prospective authors are invited to submit their abstracts online by **February 16, 2018**.

Please review Steps 1-5 below before entering the online abstract submission site.

Awards : Both ALD 2018 and ALE 2018 will recognize student achievement with awards for the best student posters and/or talks.

For more information, please visit our website : <http://ald2018.avs.org>