

Virtual Project on the History of ALD: Introduction

- **GOAL:** generate a common view on the early evolution of ALD in a *collaborative project* by the *whole ALD community*
- **UNKNOWN:** ALD done under the name Molecular Layering (ML) made in the Soviet Union starting from 1960's
- **INVITATION TO PARTICIPATE:** www.aldpulse.com/node/189, signed by Riikka L. Puurunen VTT, Aziz Abdulagatov NIST, Jonas Sundqvist Fraunhofer IPMS-CNT, Annina Titoff aldpulse.com
 - Anyone welcome to join!
 - Participation: read & comment on the significance of at least one historical publication that interests you. You may also help building a complete list of early publications, [here](#).
 - Different backgrounds of the participants beneficial
 - Open for contributions until the end of 2013
 - To be carried out in atmosphere of openness, respect and trust

How will the results be published?

- **POSTER** at the 12th Baltic ALD conference
 - Helsinki, Finland, May 12-13, 2014, see <http://www.aldcoe.fi/bald2014/>
- **CONTENTS:** Both the literature and the comments will be listed.
- **AUTHORSHIP:**
 - Everyone, who contributed, will be an author
 - 10 to 100 authors expected, and even more would be ok
 - Author list will be alphabetical, on the basis of the last name, to highlight that everyone's contribution is of equal value
- POSTER also later at ALD 2014?
- If you want to discuss how to publish the results, please join the ALD History subgroup in LinkedIn

Additional material related to the “virtual project on the history of ALD”

Timeline:

- Public discussions in LinkedIn in the group “ALD – atomic layer deposition”
 - “ What are the "Molecular layering" papers by Koltsov from "early 1960's"? “
- Private discussions from May 2013 on by Riikka Puurunen and Aziz Abdulagatov, soon joined by Jonas Sundqvist and Annina Titoff
 - Planning how to realize a world-wide open effort
- ALD History LinkedIn subgroup created June 20, 2013
 - 35 members as of 14.9.2013
- ALD History Mendeley group opened June 25, 2013
- Introduction and Invitation to participate published July 25, 2013, link
- Announcement of the project at ALD 2013, San Diego, July 30, 2013
- SlideShare for use August 18, 2013 (ALD 2013 presentation, link)
- First Comment by a visitor in the Google file August 24, 2013
- Introduction slides uploaded for free use in SlideShare August 31, 2013, link
 - Includes description of the publication plan for BALD 2014
- Announcement of the project at MME 2013, Helsinki, Sept 2, 2013
- Announcement of the project at EuroCVD-19, Varna, Sept 5, 2013

About the logo of the “virtual project”

- Logo has been designed by Riikka Puurunen (June 2013) for use in the LinkedIn ALD History group as well as other communication related to the virtual project
- The history of ALD is not black and white, but better described in shades of grey; thus, the logo was made in shades of grey.
- With this virtual project, we are in practice (re-)writing the early history of ALD on the ML works, so “history” is in a handwriting-type font



About how to use this file

- This is a slide-formed introduction to the virtual project, to be kept and updated in SlideShare at least during fall 2013.
- This is aimed for introducing the project in class, at conferences, ..., and can be used by anyone interested
- You may download a copy of the file and use it in the way you want (e.g. remove the for-your-purpose unnecessary slides)
- If you see a need for change in the contents, please do not modify the contents yourself, but leave a comment to the file in Slideshare in the Comments section after this slide → we can make and upload an improved version.
- When there is new significant info that should be made available in this presentation, this slide set will be updated and re-loaded in SlideShare
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