

NAFUMA Seminar on: “ALD/thin films, surfaces and functional materials...”

11th May 2017, Berzelius seminar room, 13:30-17:45

13:30... Arrival of the guest speaker (dr. Elam, Jeffrey) at the Chemistry Institute

13:30.... Lunch offered by NAFUMA to the speakers.

13:50–14:30 FIRST PART OF NAFUMA SEMINAR (Berzelius seminar room)

13:50-14:15 Helmer Fjellvåg, “Science at NAFUMA: highlights and perspectives”

14:15-14:30 Kristian Weibye, “ A potential class of new precursors for gold metal ALD”

14:35-15:00 Refreshments (tea-coffee) and preparation to the Seminar Institute (Berzelius seminar room)

15:00-16:00 dr. Jeffrey Elam, “Synthesis, Characterization, and Applications of Nanocomposite Coatings with Tunable Properties Prepared by Atomic Layer Deposition”

16:15-17:30 SECOND PART OF NAFUMA SEMINAR (Berzelius seminar room)

Refreshments offered by NAFUMA (coffee-tea, brownies and fruits)

16:15-16:30 Michael Getz, “Luminescent YVO₄:Yb³⁺ by Atomic Layer Deposition”

16:35-16:50 Leva Momtazi, “Biocompatible molecular layer deposition on substrates”

16:55-17:10 Kristian B.Lausund, “Atomic layer deposition of metal-organic frameworks”

17:10-17:25 Ponniah Vajeeston, “Computational materials design and characterization for energy harvesting and energy storage materials”

17:25-17:40 Manimuthu Periyasamy, “Magnetic and Transport properties of some Ruddelsdon-Popper (n=3) Perovskites”

17:45 End of seminar