Danscatt 2019 – Program

Aarhus University

Ny Munkegade 118, 8000 Aarhus C

	Thursday 23rd May
11.00 - 12.00	*Registration and sandwiches* *Vandrehallen, Building 1530-1st floor*
12.00 - 12.05	**Welcome** *Auditorium E, Mathematics, Building 1533-103*
	Chair: Henning Friis Poulsen
12.05 - 12.35	**Michel Kenzelmann:** The new possibilities at SINQ after the upgrade.
12.35 - 12.50	**Christian Kolle Christensen:** Electrochemically Driven Order-Disorder Transitions in $Li_xV_2O_5$ Bronzes
12.50 - 13.05	**Jacob Grinderslev:** Ammonium Borohydride: Investigation of Dynamics and Dihydrogen Bonding
13.05 - 13.20	**Jonathan Quinson:** Synthesis of surfactant-free Pt nanoparticles: solvent-dependent growth mechanisms probed by XAS, *in-situ* SAXS studies and PDF
13.20 - 13.35	**Lasse R. Jørgensen:** Probing the Structure of Thermoelectric Materials in Real-World Conditions: β-Zn_4Sb_3
13.35 - 13.50	*COFFEE BREAK* *Vandrehallen* ***(Posters to be displayed in Vandrehallen)***
	Chair: Søren S. Thirup
13.50 - 14.20	**Christoph Mueller-Dieckmann:** The MX beam lines after the ESRF upgrade.
14.20 - 14.35	**Julie W. Missel:** New structural insights into the regulation of aquaporins
14.35 - 14.50	**René L. Bærentsen:** Understanding the role of tripartite toxin-antitoxin systems in pathogenic *Escherichia coli*
14.50 - 15.20	**PhD prize**
15.20 - 15.45	*COFFEE BREAK* *Auditorium E, Mathematics, Building 1533-103*
	Chair: Mogens Christensen
15.45 - 16.15	**Johan Chang:** Physics and protein diffraction end station at the new SwissFEL
16.15 - 16.30	**Khadijeh Khalili:** Modeling of Time-Resolved X-ray Absorption Spectroscopy Probing Ultrafast Charge Carrier Dynamics in Organic Donor/Acceptor Compounds
16.30-16.45	**Thomas Boesen:** EMBION - the Danish National Cryo-EM Facility + guided tour at the EM facility during the poster session
16.45 - 17.00	**Henning Friis Poulsen:** Danscatt
17.00 - 18.45	**Poster Session sponsored by JJ-Xray** *Vandrehallen - Building 1530-1st floor*
19.00 – 22.30	*Dinner* *Mathematics Canteen*

	Friday 24th May
	Chair: Torben R. Jensen
9.00 - 9.30	**Jimmy Binderup & Martin Schmiele:** LINX - Neutrons at work
9.30 - 10.00	**Radovan Cerny:** Crystallography for rational design of novel ion conductors
10.00 - 10.15	*COFFEE BREAK* *Aud E, Mathematics, 1533, 103*
	Chair: Dorthe Posselt
10.15 - 10.45	**Sarah Koester:** Imaging biological cells by x-rays
10.45 - 11.00	**Helena Ø. Rasmussen:** Unfolding and Partial Refolding of an Industrial Cellulase from the SDS-Denatured State: From β-sheet to α-helix and back
11.00 - 11.15	**T. Hassenkam:** X-ray tomography of 3.7 billion year old remains of life
11.15 - 11.30	*COFFEE BREAK* *Aud E, Mathematics, 1533-103 (Remove posters from Vandrehallen)*
	Chair: Henrik Birkedal
11.30 - 12.00	**Kell Mortensen:** Structural Studies Of Block Copolymer Hydrogels
12.00 - 12.15	**Jette Oddershede:** Mapping Grain Morphology and Orientations in Polycrystalline Materials by Laboratory Diffraction Contrast Tomography
12.15 – 12.30	**Tiago Ramos:** Summary - Scanning X-ray Imaging Techniques for Characterization of Energy Materials
	Kirsten Marie Ørnsbjerg Jensen: Characterization of the formation of metal oxido clusters by complex modelling of PDF and SAXS
12.45	*Sandwiches and departure /All posters removed* *Auditorium E, Mathematics, Building 1533-103*
13:15-14:45	**DanMAX Consortium Meeting:** Discussion of DanMAX access strategy A status of the DanMAX project will be given by the DanMAX team. The DanMAX steering committee will present a suggestion for user access, which we wish to discuss with the user consortium. *Auditorium 1, Building 1514-213 (Chemistry)*

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