

**Danscatt 2019 – Program**  
**Aarhus University**  
**Ny Munkegade 118, 8000 Aarhus C**

<b>Thursday 23<sup>rd</sup> May</b>	
11.00 - 12.00	<i>Registration and sandwiches Vandrehallen, Building 1530- 1st floor</i>
<b>12.00 - 12.05</b>	<b>Welcome</b> <i>Auditorium E, Mathematics, Building 1533-103</i>
	<b>Chair: Henning Friis Poulsen</b>
12.05 - 12.35	<b>Michel Kenzelmann:</b> The new possibilities at SINQ after the upgrade.
12.35 - 12.50	<b>Christian Kolle Christensen:</b> Electrochemically Driven Order-Disorder Transitions in $\text{Li}_x\text{V}_2\text{O}_5$ Bronzes
12.50 - 13.05	<b>Jacob Grinderslev:</b> Ammonium Borohydride: Investigation of Dynamics and Dihydrogen Bonding
13.05 - 13.20	<b>Jonathan Quinson:</b> Synthesis of surfactant-free Pt nanoparticles: solvent-dependent growth mechanisms probed by XAS, <i>in-situ</i> SAXS studies and PDF
13.20 - 13.35	<b>Lasse R. Jørgensen:</b> Probing the Structure of Thermoelectric Materials in Real-World Conditions: $\beta\text{-Zn}_4\text{Sb}_3$
13.35 - 13.50	<b>COFFEE BREAK</b> <i>Vandrehallen (Posters to be displayed in Vandrehallen)</i>
	<b>Chair: Søren S. Thirup</b>
13.50 - 14.20	<b>Christoph Mueller-Dieckmann:</b> The MX beam lines after the ESRF upgrade.
14.20 - 14.35	<b>Julie W. Missel:</b> New structural insights into the regulation of aquaporins
14.35 - 14.50	<b>René L. Bøerentsen:</b> Understanding the role of tripartite toxin-antitoxin systems in pathogenic <i>Escherichia coli</i>
<b>14.50 - 15.20</b>	<b>PhD prize</b>
15.20 - 15.45	<b>COFFEE BREAK</b> <i>Auditorium E, Mathematics, Building 1533-103</i>
	<b>Chair: Mogens Christensen</b>
15.45 - 16.15	<b>Johan Chang:</b> Physics and protein diffraction end station at the new SwissFEL
16.15 - 16.30	<b>Khadijeh Khalili:</b> Modeling of Time-Resolved X-ray Absorption Spectroscopy Probing Ultrafast Charge Carrier Dynamics in Organic Donor/Acceptor Compounds
16.30-16.45	<b>Thomas Boesen:</b> EMBIION - the Danish National Cryo-EM Facility + guided tour at the EM facility during the poster session
16.45 - 17.00	<b>Henning Friis Poulsen:</b> Danscatt
<b>17.00 - 18.45</b>	<b>Poster Session sponsored by JJ-Xray</b> <i>Vandrehallen - Building 1530- 1st floor</i>
19.00 - 22.30	<i>Dinner Mathematics Canteen</i>



Friday 24 <sup>th</sup> May	
	<b>Chair: Torben R. Jensen</b>
9.00 - 9.30	<b>Jimmy Binderup &amp; Martin Schmiele:</b> LINX - Neutrons at work
9.30 - 10.00	<b>Radovan Cerny:</b> Crystallography for rational design of novel ion conductors
10.00 - 10.15	<i>COFFEE BREAK</i> <i>Aud E, Mathematics, 1533, 103</i>
	<b>Chair: Dorte Posselt</b>
10.15 - 10.45	<b>Sarah Koester:</b> Imaging biological cells by x-rays
10.45 - 11.00	<b>Helena Ø. Rasmussen:</b> Unfolding and Partial Refolding of an Industrial Cellulase from the SDS-Denatured State: From $\beta$ -sheet to $\alpha$ -helix and back
11.00 - 11.15	<b>T. Hassenkam:</b> X-ray tomography of 3.7 billion year old remains of life
11.15 - 11.30	<i>COFFEE BREAK</i> <i>Aud E, Mathematics, 1533-103 (Remove posters from Vandrehallen)</i>
	<b>Chair: Henrik Birkedal</b>
11.30 - 12.00	<b>Kell Mortensen:</b> Structural Studies Of Block Copolymer Hydrogels
12.00 - 12.15	<b>Jette Oddershede:</b> Mapping Grain Morphology and Orientations in Polycrystalline Materials by Laboratory Diffraction Contrast Tomography
12.15 - 12.30	<b>Tiago Ramos:</b> Scanning X-ray Imaging Techniques for Characterization of Energy Materials
	<b>Kirsten Marie Ørnsbjerg Jensen:</b> Characterization of the formation of metal oxido clusters by complex modelling of PDF and SAXS
12.45	<i>Sandwiches and departure /All posters removed</i> <i>Auditorium E, Mathematics, Building 1533-103</i>
13:15-14:45	<b>DanMAX Consortium Meeting:</b> 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. <i>Auditorium 1, Building 1514-213 (Chemistry)</i>

