

Session Program

8-10 Dec 2020



MLZ User Meeting & German Neutron Scattering Conference 2020

MLZ Users 2020 - Soft Matter

Online event

Tuesday 8 December

13:00

MLZ Users 2020 - Soft Matter: Part 1/3

Session | **Location:** Online event | **Conveners:** Michaela Zamponi, Henrich Frielinghaus

13:00–13:40

Polyanion Diffusion in Polyelectrolyte Multilayers

Speaker

Christiane Helm

13:40–14:05

Distortion of amphiphile lamellar phases induced by surface roughness

Speaker

Adrian Rennie

14:05–14:30

Nanoscale Structural Rearrangements in Ultrathin Nanocellulose Films induced by Water

Speaker

Stephan Roth

14:30

15:00

MLZ Users 2020 - Soft Matter: Part 2/3

Session | **Location:** Online event | **Conveners:** Henrich Frielinghaus, Michaela Zamponi

15:00–15:25

Inorganic nanoparticles challenging lamellar and non-lamellar lipid membranes: the role of curvature in nano-bio interactions

Speaker

Ms Lucrezia Caselli

15:25–15:50

Nano-Structure Development of Oral Pharmaceutical Formulations in Simulated Intestine - D-contrast SANS and DLS

Speaker

Thomas Nawroth

15:50–16:15

Establishing deuteration services for MLZ users at the JCNS

Speaker

Lisa Fruhner

16:15–16:40

Structure and relaxation dynamics in porous systems: A neutron scattering view

Speaker

Prof. Emiliano Emiliano Fratini

16:40

17:10

MLZ Users 2020 - Soft Matter: Part 3/3

Session | **Location:** Online event | **Conveners:** Henrich Frielinghaus, Michaela Zamponi

17:10–17:35

Aqueous foams stabilized by PNIPAM microgels: A SANS study

Speaker

Matthias Kühnhammer

17:35–18:00

Altering of PNIPAM microgels: pressure vs. temperature

Speaker

Dr Tetyana Kyrey

18:00