Session Program

Jun 15 – 19, 2026

Neutrons and Food 8 at MLZ

Data modelling and simulation

Bürgerhaus Garching
Bürgerplatz 9, 85748 Garching bei München, Germany

Thu, June 18

9:00 AM

Data modelling and simulation: Computational Methods for Materials Design and Accelerated Analysis of Scattering Data Relevant to the Food Industry Chair Tommy Nylander

Session | **Location:** Bürgerhaus Garching, Bürgerplatz 9, 85748 Garching bei München, Germany | **Convener:** Arthi Jayaraman

9:45 AM

9:45 AM

Data modelling and simulation: Contributions Chair Tommy Nylander

Session | **Location:** Bürgerhaus Garching, Bürgerplatz 9, 85748 Garching bei München, Germany

9:45 – 10:05 AM

SANS-Guided Design of Responsive Microemulsions

Speaker
Elisa Mégroz

10:05 – 10:25 AM

Multiscale analysis of pulse proteins on oil-water interfaces

Speaker
Jasper Landman

10:25 AM

10:40 AM

Data modelling and simulation: Contributions Chair Elliot Gilbert

Session | **Location:** Bürgerhaus Garching, Bürgerplatz 9, 85748 Garching bei München, Germany

10:40 – 11:00 AM

Effect of heat treatment on acid and rennet gel properties in goat and cow milk – a Spin-Echo Small-Angle Neutron Scattering (SESANS) approach

Speaker
Zekun Fan

11:00 – 11:20 AM

Real and reciprocal space studies of the formation and heterogeneity of dairy gel networks

Speaker
Dr Christopher Garvey

11:20 – 11:40 AM

Controlling the Cold-Set Gelation of Bovine Serum Albumin Protein using Alcohol and Ionic Surfactant

Speaker
Debasish Saha

11:40 AM