# MLZ User Meeting 2022

## Thursday 8 December 2022

**Soft Matter: SM I (13:00 - 14:30)**

| time | [id] title | presenter |
|---|---|---|
| 13:00 | [160] Welcome | |
| 13:05 | [135] Determination of the cooperativity length in glass forming liquids and polymers | ZORN, Reiner |
| 13:40 | [7] Hydration Water Dynamics in a Thermoresponsive Polymer Solution Under Pressure | PAPADAKIS, Christine |
| 14:05 | [148] Molecular Understanding of the Dynamics of Supramolecular Polymers across different Length Scales | BRÁS WÜRSCHIG, Ana |

**Soft Matter: SM II (15:00 - 16:40)**

| time | [id] title | presenter |
|---|---|---|
| 15:00 | [6] Architectural dynamics of photosynthetic thylakoid membranes during simulated coral bleaching | GARVEY, Christopher |
| 15:25 | [1] Materials informatics approach on neutron scattering data for the development of anion exchange membranes used for next-generation energy devices | RADULESCU, Aurel |
| 15:50 | [14] Scaling and Fouling in Reverse Osmosis Wastewater Desalination – Operando Studies with Small-Angle Neutron Scattering | Dr SCHWAHN, Dietmar |
| 16:15 | [64] Shear flow in spray-deposited cellulose nanofibril dispersions | ROTH, Stephan |

**Soft Matter: SM III (17:10 - 18:00)**

| time | [id] title | presenter |
|---|---|---|
| 17:10 | [56] Fitting Molecular Dynamics water model parameters to neutron scattering experiments | REICH, Veronika |
| 17:35 | [60] Quantum cascade laser-based infrared spectrometer combined with small angle neutron scattering for life science applications. | Dr DADFAR, Seyed Mohammad Mahdi |