



# MLZ User Meeting 2021

## Tuesday, December 7, 2021

### Neutron Methods: Neutron Methods I (9:00 AM - 10:20 AM)

-Conveners: Sebastian Busch; Peter Link

| time    | [id] title   | presenter                    |
|---------|--|------------------------------|
| 9:00 AM | [137] Welcome  | LINK, Peter                  |
| 9:05 AM | [8] Resonant neutron reflectometry for hydrogen detection in thin films.       | GUASCO, Laura                |
| 9:30 AM | [10] Fast kinetics in thin films by intensity modulated neutron reflectometry  | KELLER, Thomas               |
| 9:55 AM | [18] Neutron coating development applied to non-depolarizing CuTi supermirrors | Dr GOMEZ GUZMAN, Jose Manuel |

### Neutron Methods: Neutron Methods II (1:15 PM - 2:30 PM)

-Conveners: Sebastian Busch; Peter Link

| time    | [id] title  | presenter         |
|---------|---|-------------------|
| 1:15 PM | [96] New Insights – How to use neutrons for food and bioprocessing applications         | GRUBER, Sebastian |
| 1:40 PM | [104] Additive manufacturing of custom neutron shielding solutions                      | NEUWIRTH, Tobias  |
| 2:05 PM | [115] New Perspectives for Neutron Imaging through Advanced Event-Mode Data Acquisition | Dr LOSKO, Adrian  |

### Neutron Methods: Neutron Methods III (4:15 PM - 5:30 PM)

-Conveners: Sebastian Busch; Peter Link

| time    | [id] title   | presenter               |
|---------|--|-------------------------|
| 4:15 PM | [33] Calculation of neutron and X-Ray scattering data from Molecular Dynamics simulations through optimal use of computation resources | MAJUMDAR, Arnab         |
| 4:40 PM | [77] Benchmarking autonomous TAS experiments   | TEIXEIRA PARENTE, Mario |
| 5:05 PM | [102] Focal length tuning in MIEZE Spectroscopy  | JOCHUM, Johanna K.      |