



# MLZ Conference 2022: Neutrons for Mobility

## Wednesday, June 1, 2022

### Posters (5:00 PM - 6:30 PM)

[id] title	presenter	board
[30] Unique Materials' Characterization by In-Situ Neutron Diffraction and Small Angle Neutron Scattering and the new Quenching and Deformation Dilatometer	SOLIS, Cecilia	
[31] Neutron Spin Echo Spectroscopy with the J-NSE "PHOENIX"	HOLDERER, Olaf	
[36] Investigation of Na <sup>+</sup> diffusion in NASICON solid electrolyte materials by Quasi-Elastic Neutron Scattering	PIVARNÍKOVÁ, Ivana	
[37] Complementary Neutron-Based and X-Ray Measurements on the Lithiation Mechanism of LiAl Electrodes	PHAM, Thien An	
[45] Influence of build direction on residual stresses and textures in lightweight alloys produced by additive manufacturing (AM)	Dr HOFMANN, Michael	
[47] Texture and microstructure evolution of TNM alloy during hot compression	KEITA, Mohamed	
[49] Energy Landscape for Li-Ion Diffusion in the Garnet Type Solid Electrolyte material $\text{Li}_{6.5}\text{La}_3\text{Zr}_{1.5}\text{Nb}_{0.5}\text{O}_{12}$ (LLZO-Nb)	Dr STRANGMÜLLER, Stefan	
[52] Structural response of electrochemical cycled $\text{Li}_x\text{Ni}_{0.8}\text{Co}_{0.15}\text{Al}_{0.05}\text{O}_2$ ( $0 < x < 1$ ) battery cathodes	HÖLDERLE, Tobias	
[41] Studying the temperature-dependent lattice misfit of $\gamma'$ strengthened superalloys with a varying Co/Ni-ratio using neutron and high-resolution X-ray diffraction	BANDORF, Jakob	