

## Poster competition EMA 2021

### First place

*High Speed Visualization of Ferroelectric Domains by Friction Asymmetry*, **Seongwoo Cho**, Korea Advanced Institute of Science and Technology

### Second place

*Aqueous chemical solution deposition of  $Sr_xBa_{1-x}Nb_2O_6$  thin films*, **Viviann Hole Pedersen**, Norwegian University of Science and Technology

### Third place

*Correlating structural changes to the volume fraction of polar nanoregions in quenched  $Na_{1/2}Bi_{1/2}TiO_3 - BaTiO_3$  ceramics*, **Andreas Wohninsland**, Technical University of Darmstadt

## Oral presentation competition EMA 2021

### First place

*Microstructure quantification and random forest regression models for  $Li_4Ti_5O_{12} - Ni$  property prediction*, **William Huddleston**, Case Western Reserve University

### Second place

*Role of Grain Boundary Refinement and Nano-Precipitates in Enhancing the Flux Pinning of Superconducting  $Nb_3Sn$* , **Jacob Rochester**, Ohio State University

### Third place

*Design of New Lead-Free Antiferroelectric  $(1-x)NaNbO_3 - xSrSnO_3$  Compositions Guided by First-Principles Calculations*, **Maohua Zhang**, Technical University of Darmstadt