



# APT User Meeting

## Thursday 21 November 2024

### **Applied Structural Materials: Applied Structural Materials - Room 203 (large seminar room) (09:00 - 10:20)**

time	[id] title	presenter
09:00	[8] High-precision elemental analysis in atom probe tomography: The benefits of short laser wavelengths	SCHIESTER, Maximilian
09:20	[29] Understanding the role of impurities in recycled Cu from EV batteries	NUTOR, Raymond Kwesi
09:40	[20] Difficulties in the detection of interstitial atom segregation on dislocations in steels using atom probe tomography	MOTTAY, William
10:00	[23] Unveiling nanometric phase formation and oxidation achieved by spark plasma sintering of Zn-Mg-(Ag) alloys for bioresorbable implants	TORKORNOO, Selase

### **Applied Structural Materials - Room 203 (large seminar room) (10:40 - 12:00)**

time	[id] title	presenter
10:40	[24] Vacuum Dealloyed Brass: A Tale of Materials Development with an Electrifying Second Act	WOODS, Eric
11:00	[30] Nano-scale investigation of fractal abnormal grains and grain boundaries in Pd-Au	WILD, Johannes
11:20	[35] Microscopy of atom probe needles and how this might inform data reconstruction protocols	FLEISCHMANN, Claudia