Microstructure polycristalline et corrélation d'images
19 juin 2023
Centre des matériaux Mines Paris PSL

- Sam Daly (UC Santa Barbara) : Machine Learning with HR-DIC: Investigations into Polycrystalline Metallic Alloys
- Ahmed Zouari (CDM Mines Paris) : Deformation and damage modes of Zn-Al-Mg coatings on galvanized steel sheets.
- Damien Texier (Mines Albi / ICA) : Correlative assessement of in-plane and out-of-plane strain localization for crystallographic slip and morphological sliding

Pause déjeuner

- Jean-Charles Stinville (Univ Illinois) : Application of High-Resolution Digital Image Correlation in the Extreme
- Véronique Doquet (LMS Polytechnique) : Monitoring of twinning/detwining in a TWIP steel under reversed loading, using HR-DIC in a SEM, or topographic evolutions under an AFM
- Thilo Morgeneyer (CDM Mines Paris) : Strain localization under plane strain measured by 2D DIC of projected 3D data for different microstructures

En présence uniquement, inscription obligatoire par courriel
mat@mat.mines-paristech.fr