

Last Name	First Name	Affiliation	Title
Atzen	Madlen Denise	Universitaet Ulm	Abnormal Grain Growth in the Aluminum Alloy 5252 Investigated in 3D by LabDCT
Borbély	Andras	Ecole Nationale Supérieure des Mines	Femto-second laser induced sub-surface hardening in metals
Boronski	Claire Emile	University of Colorado Boulder	Transformative Approach to Controlling Lead in Drinking Water informed by Advanced Diagnostics
Bose	Subham	Johns Hopkins University	CT and 3DXRD on Non-Ideal Crystals for Geomechanics Applications
Chen	Yunhui	RMIT	How Deep Does It Go: Revealing 3D Strains in Additively Manufactured Alloys
Dake	Jules	Ulm University, Germany	Tracking the emergence and persistence of abnormal grain growth in aluminum
Detlefs	Carsten	ESRF	ID03: The new Hard X-ray Microscopy Beamline
Foster	Daniel Jon	ESRF	The correlative potential of in-situ EBSD and in-situ synchrotron X-Ray diffraction
Frewein	Moritz Paul Karl	Institut Fresnel	Texture tomography for polycrystalline materials: Principle and first results
Gayoso	Antonella	Technican University of Denmark	Dark Field X-ray microscopy for the determination of chemical strain
Hamilton	Dylan Charles	University of Colorado Boulder	Understanding chemo-mechanical failure mechanisms in solid-state batteries using X-ray diffraction computed tomography
Heller	Ludek	Institute of Physics ASCR	Microstructure, Strains, and Stresses in NiTi Wire Under Tension Prior Stress-induced Martensitic Transformation Reconstructed Using Scanning 3DXRD
Kalacska	Szilvia	Mines St. Etienne	In-situ characterization of martensitic phase transforming CuAlNi shape memory alloys using X-ray Topotomography and Diffraction Contrast Tomography
Ladbrook	Evangeline	University of Warwick	Going head-to-head with domains: 3DXRD for discovering domain structure in hybrid improper ferroelectrics
Lauridsen	Erik	Xnovo Technology	Advanced acquisition with Lab-based X-ray Diffraction Contrast Tomography
Li	Qianqian	Imperial College London	Advanced Microstructure Analysis of SiC nanowhiskers reinforced magnesium (Mg) composites
Moya	Janice	University of Michigan	In-situ characterization of martensitic phase transforming CuAlNi shape memory alloys using X-ray Topotomography and diffraction contrast tomography
Prikoszovich	Konrad	Karlsruhe Institute of Technology	Lattice strain distribution within BCC polycrystals – Bridging the statistical gap between experiment, simulation and theory
Rack	Alexander	ESRF	Beamline ID19: a versatile station for synchrotron-based full-field hard X-ray microimaging for real-time in situ studies in materials research
Resende	Pedro	ESRF	In-situ characterization of stress assisted grain boundary oxidation in Ni superalloys
Rodriguez Lamas	Raquel	ESRF	4D mapping of epitaxial stress relaxation through dislocation arrays in complex oxide superlattices
Tambe	Indrajeet	Malmo University	Investigating Precipitation Hardening and Grain Growth in Open Cell Aluminum Foams: In-Situ Analysis during Controlled Annealing.
Thiercelin	Léo	Arts et Metiers Institut de Technologie	Development of digital twins for in-situ martensitic transformation of high entropy and shape memory alloys
van Hulzen	Martijn	Delft University of Technology	Quantifying heterogeneity in Li-ion Battery Cathodes
Wright	Jonathan	ESRF	Scanning 3DXRD reconstructions of a K-Type Thermocouple
Yildirim	Can	ESRF	4D Microstructural Evolution in a Heavily deformed Ferritic Alloy: A new perspective in Recrystallization Studies
Zelenika	Albert	Technican University of Denmark	Studying Dislocation Patterning During Plastic Deformation of Pure Aluminium by Means of Dark-field X-ray Microscopy