Professor/Senior scientist	Laboratory	Fields of expertise
Abitbol Tiffany	SML	Sustainable materials; Nanocellulose; Mycelium; Bio-based materials
Amstad Esther	SMAL	Surfaces; Soft matter; Microfluidics; Nano - microsized particles and capsules
Bastings Maartje	PBL	Biomaterials; DNA nanotechnology; Nanoparticles; Cell-material interface; Cell uptake; Immune engineering; Cell adhesion; Hydrogels; Soft matter
Bourban Pierre-Etienne	LPAC	Processing - properties of polymer composite materials / cellular materials and hydrogels/biocomposites for regenerative medicine and biomed/biosourced degradable composites /natural fibres composites/mechanics of anisotropic composites
Ceriotti Michele	COSMO	Atomistic computer simulation; Statistical mechanics; Molecular dynamic; Nuclear quantum effects; Accelerated sampling, structural complexity; Non-linear dimensionality reduction; Solidification and nucleation
Fontcuberta i Morral Anna	LMSC	Compound semiconductors (III-Vs and earth abundant); Silicon; Molecular beam epitaxy; Nanowires; Nanoscale membranes; Photonics; Next generation solar cells; Materials for quantum technologies
Frauenrath Holger	LMOM	Polymer science; Materials chemistry; Supramolecular materials; Organic electronics; Carbon nanomaterials
Grundler Dirk	LMGN	Magnetic properties of nanostructured materials; Nanofabrication and cleanroom processing; Microwave properties of magnetic nanomaterials; GHz spectroscopy; Magnonics; Spintronics; Skyrmionics
Klok Harm-Anton	LP	Polymer science; Polymer surfaces & Interfaces; Polymer nanomedicine
Leterrier Yves	LPAC	Integrative synthesis of organic-inorganic hybrids; Photopolymerization and sol-gel processes; Thin film multilayers and bioinspired coatings ; Rheology, calorimetry and UV nanoimprint lithography; Roll-to-roll processes methods; Sustainable materials and processes
Liebi Marianne	CAM-X	Characterization of materials; X-ray scattering & X-ray imaging; Structure of biological materials & soft matter
Logé Roland	LMTM	Microstructure design in metals and alloys; Thermo-mechanical treatments; Multiscale modelling; Selective laser melting
Michaud Véronique	LPAC	Fundamentals of polymer composite processing; Processing and properties of multifunctional composites and smart composites; Sustainable composite materials
Mischler Stefano	TIC	Surface analysis corrosion; Auger electron spectroscopy; Tribocorrosion; Biotribology and biocorrosion, tribology in microfabrication processes; Wear protection methods; Electrochemistry
Marzari Nicola	THEOS	Computational materials science, density-functional theory, first-principles calculations, theoretical spectroscopies, high-throughput
Mortensen Andreas	LMM	Metallurgy: processing and mechanical behaviour of metallic materials, metals, alloys, metal matrix composites, microcellular metals, infiltration processing.
Raju Natarajan Anirudh	MADES	Materials design; Simulation; Computational materials science; Machine learning; Thermodynamics; Kinetics; Phase transformations; Metallurgy; Statistical mechanics
Scrivener Karen	LMC	Cementitious materials; Quantitative microstuctural characterisation; Microstructural modelling
Sorin Fabien	FIMAP	Energy harvesting saving and storage; Sensing and monitoring; Health and smart fabrics; Optical materials and photonics; Micro-nanofabrication; Advanced manufacturing; Fiber materials, processes and technologies
Stellacci Francesco	SUNMIL	Nanoscience; Nanotechnology; Soft Materials; Supramolecular interactions; Solid-Liquid Interfaces; Nanomedicine
Tileli Vasiliki	INE	Atomic scale characterisation; Electron probing; Energy systems; in situ electrochemistry; Phase transformations; Catalysis; Batteries; 2D materials; Functional oxides; Electronic structure modeling; Microfabrication