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**« MATERIALS FOR OPTICS AND PHOTONICS IN EXTREME RADIATION ENVIRONMENTS » TEAM**  
**S. GIRARD (PU)**

**« LASER-MATTER INTERACTION » TEAM**  
**R. STOIAN (DR)**

**« IMAGE SCIENCE AND COMPUTER VISION » TEAM**  
**T. FOURNEL (PU)**

**« DATA INTELLIGENCE » TEAM**  
**A. HABRARD (PU)**

**« SECURE EMBEDDED SYSTEMS & HARDWARE ARCHITECTURES » TEAM**  
**L. BOSSUET (PU)**

Nanoparticles	Diffraction Gratings	Magneto-Optics & Magnetic Nanoparticles	Complex surfaces and HF/RF devices
N. Destouches (PU)	Y. Jourlin (PU)	F. Royer (PU)	B. Bayard (PU)

Modeling of laser-matter interaction	Laser Ablation for materials transfer	Ultrafast Laser processing theory application & transfer
T. Itina (DR)	F. Garrelie (PU)	R. Stoian (DR)

Optical design and image reconstruction	Characterization and modelling of Material appearance	Image analysis and understanding
L. Denis (PU)	M. Hébert (PU)	C. Ducottet (PU)

Machine Learning	<b>MALICE</b> <i>Inria</i> M. Sebban (PU)	Complex Data Analysis
R. Emonet (MCHDR)		C. Largeron (PU)

TRANSVERSE ACTIVITY IN  
 METAMATERIALS / METASURFACES

TRANSVERSE ACTIVITY IN  
 COMPUTER VISION

TRANSVERSE ACTIVITY IN  
 IMAGE PROCESSING AND OPTICAL ENGINEERING

TRANSVERSE ACTIVITY IN  
 PHOTONICS / SURFACES ENGINEERING / ARTIFICIAL INTELLIGENCE