

**Director: Florence Garrelie**  
**Deputy Director: Marc Sebban**

**Scientific and Executive Board**

**Laboratory Council**

**Administrative head: J. Debiesse**

**« OPTICS, PHOTONICS AND MICROWAVE » DEPARTMENT**

**A. BOUKENTER**

**« COMPUTER SCIENCE, TELECOM ET IMAGE » DEPARTMENT**

**L. BOSSUET**

**« MICRO-NANO STRUCTURING » TEAM**

**Y. JOURLIN**

**« RADIATION-MATTER INTERACTION »**

TEAM

**R. STOIAN**

**« IMAGE SCIENCE AND COMPUTER VISION »**

TEAM

**T. FOURNEL**

**« DATA INTELLIGENCE »**

TEAM

**A. HABRARD**

**« CONNECTED INTELLIGENCE »**

TEAM

**O. BOISSIER**

**« SECURE EMBEDDED SYSTEMS & HARDWARE ARCHITECTURES »**

TEAM

**L. BOSSUET**

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

Optical and Photonic Materials in extreme radiative environment	Modeling of laser-matter interaction	Laser for materials transfer and treatment	Ultrafast Laser processing theory application & transfer
Y. Ouerdane (PU)	T. Itina (DR)	F. Garrelie (PU)	R. Stoian (DR)

Optical design and image reconstruction	Macroscopic models for images and surfaces	Image analysis and understanding	Machine Learning	Data Mining / Information Retrieval	Knowledge Representation and Reasoning	Multi-Agent and services
C. Fournier (MC)	M. Hébert (MC)	C. Ducottet (PU)	R. Emonet (MC)	C. Largeron (PU)	P. Maret (PU)	F. Balbo (P IMT)

TRANSVERSE ACTIVITY IN MATERIALS/SURFACES ENGINEERING

TRANSVERSE ACTIVITY IN COMPUTER VISION

TRANSVERSE ACTIVITY IN IMAGE PROCESSING AND OPTICAL ENGINEERING

TRANSVERSE ACTIVITY IN ARTIFICIAL INTELLIGENCE