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« COMPUTER SCIENCE, SECURITY, IMAGE » DEPARTMENT

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« FUNCTIONAL MATERIALS  
AND SURFACES » TEAM

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« MATERIALS FOR  
OPTICS AND  
PHOTONICS IN  
EXTREME RADIATION  
ENVIRONMENTS »

TEAM

S. GIRARD (PU)

« LASER-MATTER  
INTERACTION »

TEAM

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« IMAGE SCIENCE AND  
COMPUTER VISION »

TEAM

T. FOURNEL (PU)

« DATA  
INTELLIGENCE »

TEAM

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« 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  
(MC HDR)

M.  
Hébert  
(MC HDR)

C.  
Ducottet  
(PU)

Machine Learning

Complex Data  
Analysis

R.  
Emonet  
(MC)

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