



# PEARL

## PRÉSÉLECTION DES PROJETS

Projet	Porteur 1	Porteur 2
<i>AICAT - Artificial Intelligence for High-Throughput Catalysts Design</i>	Sébastien Paul, UCCS	Pierre Chainais, CRISAL
<i>ARTIFICE - ARTIFICIAL intelligence in radiolarian fossil Identification; taxonomic, biostratigraphic and Evolutionary implications</i>	Taniel Danelian, UMR 8198 Evolution-Ecology-Paleontology	Pierre Boulet, CRISAL
<i>ATACA - Antibodies against Tumour Associated Carbohydrate Antigens</i>	Julie Bouckaert, UGSF	Rabah Boukharroub, IEMN
<i>CAMISOL - FabriCation of solid state asymmetric Micro-SupercapitOrs for Internet of Things applications</i>	Christophe Lethien, IEMN	Pascal Roussel, UCCS
<i>CROPS - CROhn disease and Pollution of Soils</i>	Annabelle Deram, LECEgE	Corinne Gower-Rousseau, LIRIC
<i>DIP - Risk assessment related to Disinfection by-Product formation in drinking water</i>	Gabriel Billon, LASIR	Cécile Vignal, LIRIC
<i>DYIADYS - Semi-supervised learning of high dimension composite information</i>	Christophe Biernacki, UMR 8524	Martine Vaxillaire, EGID
<i>FAST - Formulation in the Amorphous State</i>	Jean-François Willart, UMET	Juergen Siepmann, U1008
<i>HaloHcov - Halophytes of the Region Hauts-de-France as a source of potential anti-human coronavirus biomolecules</i>	Karin Seron, CIIL	Céline Rivière, Institut Charles Viollette
<i>MAGNACOM - Magnesium based Nano Composites for Othopedic Applications</i>	Rajashekhara Shabadi, UMET	Feng Hildebrand, U1008
<i>MATISSE - Development of an instrumented microfluidic culture system to study tumour-stroma interaction and drug sensitivity of pancreatic adenocarcinoma</i>	Vincent Senez, LIMMS	Isabelle Van Seuning, CANTHER
<i>Micro3DBeta - Developing a 3D dynamic microfluidic device of pancreatic beta cells and adipocytes to modelize multi-organ crosstalks during type 2 diabetes development</i>	Jean-Sébastien Annicotte, EGID	Anthony Treizebre, IEMN
<i>MUSICA2 - Music rhythmic interaction in Aging and Alzheimer disease</i>	Séverine Samson, PSITEC	François Puisieux, Santé publique : épidémiologie et qualité des soins EA 2694
<i>NATO - Nano-therapeutics for topical treatment of ocular diseases</i>	Sabine Szuneritz, IEMN	Amar Abderrahmani, IEMN



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<i>NEUROFEEDBAL - FMRI-based closed-loop neurofeedback to relieve drug-resistant hallucinations in schizophrenia</i>	Renaud Jardri, SCALab	François Cabestaing, CRISAL
<i>NMR-MECA-DRUG - NMR characterization and antimicrobial activity of mechanically</i>	Olivier Lafon, UCCS	Christel Neut, LIRIC
<i>ONCOGIMAGING - Click chemistry and unnatural amino acids to illuminate oncogenic activities in living cells</i>	Tony Lefebvre, UGSF	Christophe Biot, UGSF
<i>RE-ENFORCE - Selection, Design and Synthesis of semi-synthetic terpenes libraries for the discovery of new antibiotics</i>	Nicolas Willand, U1177	Jean-Louis Hilbert, UMR TERRA Violette
<i>SENSIMEX - Computer Simulation and Experiments of Radio-Induced Cell Senescence</i>	Fabrizio Cleri, UMR 8520	Corinne Abbadie, UMR 8161
<i>STRASS - Soft Robot for mAss Spectrometry in Surgery</i>	Christian Duriez, CRISAL	Isabelle Fournier, PRISM