Nos chercheurs et E2S

* MArine sorbed Debris AnalYsis, MAyDAy - S. Reynaud

* NOOSTRIM - A. Allal

Elaboration of innovative plastic packaging for institutional catering and food industry, in order to limit their impact on both human health and the environment.

Post Doctorant

* "Improving nanocomposites processability for their use as matrices in thermoplastic composites" - Jordana K. Palacios - Encadrant : Sylvie Dagréou

Doctorants

* "Speciation Analysis in Biofuels" - Victor Garcia Montoto - Encadrant : Brice Bouyssière
* "Diversité microbienne fonctionnelle et biodégradation des hydrocarbures dans un continuum sol - milieu aquatique" - Elise Chatillon - Encadrant : Cristiana Cravo-Laureau

* "Development of innovative materials made from absorbent polymers in near infrared environment for organic photovoltaic." - IDRISS Hisham - Encadrant: Christine Lartigau-Dagron

Internationalisation of training courses

* "Organometallics and Main Group Element Chemistry" - CHROTOWSKA Anna

  Master « Material Science and Engineering », field “Chemistry and physico-chemistry of materials”

* "Biological Soft Matter" - NARDIN Corinne

  Master « Material Science and Engineering »

* "Bioanalytical chemistry" - RONGA Luisa
Master « Chemistry and Life sciences », field “Analytical Sciences applied to Life and Environment”

Junior Chair

* "Molecular simulation" - Hugo Santos Silva

(partnership chair)

Key Scientific Challenges

* Go inside a bacterial cell methylating mercury (GO beam) - Marie-Pierre Isaure

Doctorants

* "Materials for negative electrodes and electrode-electrolyte interface in potassium-ion batteries" - Caracciolo Laure, Encadrant: H.Martinez
* "Synthesis of sustainable polymer colloids" - Sabalot Julia, Encadrant: M.Save
* "Environmental integrons: natural genetic vehicles to disperse adaptive genes" - Sandoval Quintana Eva, Encadrants: C.Cagnon/B. Lauga
* "Fishes’ mechanisms of toxins transfer and accumulation after the bloom of cyanobacteria in a lake ecosystem" - Noura Hammoud, Encadrants: R.Lobinsky (UPPA), M.Slim (Lebanon),

IPREM / Laboratoire des analyses inorganiques
* "New challenges for non-specific sifting and the overall future of "emerging" contaminants and their metabolites in the Lebanese marine ecosystem" - Mariam Zayter, Encadrants: H. Preud’homme (UPPA), Mrs Mahfouz (Lebanon)

International Doctoral Mobility

* Study of the reactivity and the fate of micropolllutants in the Canyon of Capbreton - Azaroff Alyssa, Encadrant: M. Monperrus
* Design of advanced structured functional polymer surfaces from photo-active polymer nanoparticles - Boussiron Charlène, Encadrants: M.Save, S.Lacombe
* Development of physicochemical and mass spectrometric characterization methods for innovative fully recyclable food packaging materials. - Issart Ambre, Encadrants: J.Szpunar, A.Allal
* Paramagnetic Nano-graphenes - Hande Aniket, Encadrants: A.Chrostowska, C.Darrignan
* Exploring the interactions between fungi and bacteria in polycyclic aromatic hydrocarbons degradation - Álvarez Barragán Joyce, Encadrants: R. Duran, C. Cravo-Laureau

_Helmholtz Center for environmental research, Leiptzig (DE)_

* Adhesion on skin of microgel suspensions and films for medical and cosmetic applications - Dieuzy Eva, Encadrants: L. Billon, C. Dérail

_Stanford University (US)_

* Speciation Analysis in Biofuels. - Garcia Montoto Victor, Encadrant: B. Bouyssièr

_Copenhagen University (DK)_

* Future of organic photovoltaic, FOREVER - C. Lartigau-Dagron (plus)

**Fellowship for “Innovation in teaching”**

* BIM - "Implementation of a Master in « Bio-inspired material sciences" - C. Nardin, L. Billon

_Fundamentals in Biochemistry and Cellular Biology, Condensed Matter Physics, Soft Matter Physics, Polymer Chemistry_

* Micro2En - "Disciplinary and linguistic joint teaching in Environmental Microbiology" - F. Bedecarrats, C. Cagnon

_English, linguistic skills applied to sciences_

**Internationalisation of training courses**

Goñi-Urriza Maria Soledad, Miqueu Christelle, Radji Sadia, Rubatat Laurent

**Project maturation**

* MECAPEAU - Evolution of skin mechanical properties and tissue adaptation to environmental disturbances - Christophe Derail

**Thematic hubs**

* MeSMic - Metals in Environmental Systems Microbiology: An integrated approach to unravel metal ion interactions with microbial ecosystems at the
molecular, cellular and community levels
D. Amouroux, R. Duran, M. Goñi, R. Grimaud, B. Lauga, R. Lobinski