

ILV
Institut Lavoisier
de Versailles

PHD AND HDR DEFENSES

PhD defenses

2026

Nicolas Al Hajj Aassaf (SORG team), September 29th, 2026
"Palladium-Catalyzed Cycloaddition Reactions of 2,4-Vinyl-Oxazolidine-Diones towards Enantioenriched Heterocycles"

Gabriel Goujon (SORG team), September 3rd, 2026
"Development of New Sulfoximines for the Generation of Fluorinated and Deuterated Radicals in Photoredox Catalysis"

Jason Bessonnet (SORG team), June 19, 2026
"Design, Synthesis, and Characterization of -Conjugated Polyadducts Based on BODIPY, PDI, and BTD for the Development of Organic Hyperbolic Light-Emitting Metamaterials"

2025

Anna Gagliardi (EPI team), December 12, 2025
"Aging in different environments of Cu(Inx,Ga1-x)Se2 surfaces."

Kelvin Meza-Casamayor (SORG team), November 27, 2025
"Development of cosmetic ingredients from renewable resources in Eure-et-Loir"

Khaled Dassouki (MIM team), November 27, 2025
"Synthesis of MOF-based Composites for Photocatalytic Conversion of CO"

Gianluca Visagli (EPI team), November 24, 2025
"Passivation Strategy for III–V Semiconductors: A New Alternative for Micro-Optoelectronics"

Gabrielle Mpacko Priso (MIM team), November 19, 2025
"Super-Reduced Polyoxometalates: Formation, Structure and Properties"

Tourya Khlifi (SORG team), November 14, 2025
"Atroposelective construction of axially chiral 2-aryl-4-quinolones"

Julien Paut (SORG team), November 7, 2025
"Development of New Methodologies in Photocatalysis Involving Fluorinated and Strained Structures"

Roa Chamandi (MIM team), October 17, 2025
"Composite materials: polyoxometalate/polymer for the photodegradation of organic pollutants"

Kirène Gaffar (EPI team), February 24, 2025
"Advanced characterization of HEMT interfaces for power electronics: correlation between chemical, structural and electrical properties"

2024

Vincent Carpentier (SORG team), December 13, 2024
"The naturalness of ionones as flavouring molecules - Flavour encapsulation by extrusion"

Nour Zeaiter (MIM team), December 9, 2024
"Valorization of biomass residues by oxidative depolymerization using Ionic Liquids based on Polyoxometalates"

Oumayma Bejaoui (SORG team), November 28, 2024
"Contribution to the study of phosphonate reactivity and applications to the construction of new heterocycles"

Olfa Zayene (SORG team), November 20, 2024
"Molecular recognition of anions by combination of weak interactions"

Cédric Viravaux (MIM team), September 27, 2024
"Development of composite materials based on polyoxometallates: molecular photocommutators and luminescent thermometers"

Juan Fernando Ramirez Henao (MIM team), June 19, 2024
"Polyoxometalate-decorated gold nanostars for combinatorial cancer therapy"

Jonhatan Bachir (MIM team), April 4, 2024
"Design of bio-hybrid materials based on Metal-Organic Frameworks and Biological Entities"

Camille Banoun (SORG team), March 7, 2024
"New synthetic methods for the selective functionalization of alpha,beta-unsaturated aldehydes"

2023

Zeinab El Hajj (MIM team), December 19, 2023
"Synthesis and Characterization of New Hybrid Polyoxometalates for Photocatalytic and Biological Applications"

Marina Briand (SORG team), October 12, 2023
"-Perfluoroalkylation of ,-unsaturated carbonyl compounds via photoredox catalysis"

Maxence Lion (MIM team), September 1, 2023
"{Mo2O2S2}-containing polyoxothiometalates : from supramolecular assemblies to visible

light driven hydrogen evolution photocatalysis"

Fa Ibrahima Bamba (MIM team), June 6, 2023
"From Inorganic Condensation to Functionalized Hybrids: Structures, Electrochemical Properties and Supramolecular Reactivity of New Polyoxometalates Based on Vanadium"

Arnaud de Zordo (SORG team), May 10, 2023
"Preparation of perfluoroalkyl selenoethers by catalysis and then of selenoxides, selenones and selenoximines by oxidation"

Sa Yao (MIM team), March 10, 2023
"Design of smart materials: from primary interactions to supramolecular cyclodextrin-based polymers containing polyoxometalates"

Ali Saad (MIM team), March 8, 2023
"Design of flexible and nanostructured composites by combining Al^{3+}MOFs and graphene oxide for adsorption applications"

2022

Manon Genet (SORG team), December 12, 2022
"Development of domino reactions toward the synthesis of complex polycyclic scaffolds"

Mai D. L. Vuong (MIM team), December 5, 2022
"Degradation mechanisms of nanoparticle-based drug delivery systems: the case of polymer conjugate and metal-organic framework"

Thibaut Duhail (SORG team), May 11, 2022
"Perfluorinated hypervalent iodosulfoximines and benzodithiazoles syntheses: new perfluoroalkylation reagents"

Melvin Raulin (SORG team), March 16, 2022
"Studies on azetidines, cyclooctynes and organic cages"

2021

Romain Plais (SORG team), December 7, 2021
"Anion- Interaction and Hydrogen Bonding : a new tool for Molecular Recognition and

Catalysis"

Patie Cendra Rakotoarimanana (EPI team), November 16, 2021
"Nanoscale surface engineering of polyphosphazene films as a passivation support on indium phosphide"

Mathis Duguet (MIM team), July 9, 2021
" Porous composite materials for CO2 conversion: synthesis, characterization, modelization"

Amine Lakhdari (EPI team), April 15, 2021
"Control of the electrodeposition of nanometric layers of copper and cobalt for the metallization of interconnections in micoelectronics"

Somia Tomane (MIM team), March 15, 2021
"Synthesis and characterization of polyoxometalates/gold nanoparticles composites for biomedical applications"

2020

Safa Azzouni (SORG team), December 18, 2020.
"Contribution to the synthesis of new phosphorous heterocycles"

Jad Rabah (SORG team), December 14, 2020.
"Bodipy-[60]Fullerene-based donor acceptor systems for organic electronics: synthesis, characterization, and surface modification"

Marina Thierry (SORG team), December 4, 2020.
"New bio-sourced antioxidant: eco-compatible synthesis, efficiency, synergies and mechanisms"

Yohan Martinetto (MIM/SORG teams), October 21, 2020.
« Development of new ionic liquids based on polyoxometalates as oxidation catalysts applied to the valorization of biomass».

Jean-Claude Meledje (EPI team), September 16, 2020
"Electrochemical Behaviors of InP (III-V) Semiconductor covered with a Phosphazene Thin Film in an Aqueous Medium"

Tanguy Jousselin-Oba (SORG team), June 18, 2020
"New organic semiconductors for optoelectronic applications"

Cécile Molto (EPI team), June 4, 2020
"Understanding of the reaction mechanisms of electrochemical metallization processes used for designing photovoltaic cells silicon"

2019

Arcadie Fuior (MIM team), December 17, 2019
"Synthesis and characterization of coordination complexes based on [Mo2O2E2]2+ (E = O or S) for biological applications"

Anne-Laure Barthelemy (SORG team), December 3, 2019
"Synthesis of highly functionalized perfluorinated sulfoximines and sulfilimino iminiums. Study of their application in reactions of perfluoroalkylation by photoredox catalysis"

Benjamin Large (SORG team), November 14, 2019
"Selective activation of naphthalenes and synthesis of extended polycyclic architectures"

Kevin Dedecker (MIM team), March 25, 2019
"Multifunctional Hybrid Materials for the Capture and Detection of Volatile Organic Compounds: Application to Preventive Conservation of Heritage Objects"

Effrosyni Gkaniatsou (MIM team), January 25, 2019
"Development of new enzymatic immobilization matrices based on Metal-Organic Frameworks (MOFs) for the catalytic degradation of environmental pollutants"

2018

Anne-Sophie Marques (SORG team), December 20, 2018
"Development of new domino reactions initiated by iso-Nazarov cyclization for the synthesis of polycyclic compounds"

Amandine Boulmier (MIM team), November 5, 2018
"Synthesis of hybrid polyoxometalates and study of their biological and optical properties"

HDR defenses

Clément Ghiazza (SORG team), October 20, 2026

Clémence Sicard (MIM team), February 2, 2026
"Functional Materials at the Chemistry-Biology Interface: Combining Metal-Organic Frameworks (MOFs) and Biological Entities"

Clément Falaise (MIM team), January 23, 2025
"Contributions to the physical chemistry of inorganic polyanions in water: chaotropic effect, clustering process and other… "

Damien Aureau (EPI team), December 3, 2021
"Reactivity of surfaces for functionalization"

Muriel Bouttemy (EPI team), May 5, 2021
"Metrology and methodology of physicochemical analysis of surfaces, interfaces, thin films and nanostructures"

Elsa Anselmi (SORG team), January 7, 2021
"Synthesis of fluorinated molecules"

Guillaume Dagousset (SORG team), December 9, 2020
"New developments in photoredox catalysis"

Bruce Pegot (SORG team), July 2, 2019
"Fluor and ionic liquids"