26th Doctoral School of Chemical Sciences Day

WHERE

Agora, Domaine du Haut-Carré 43 rue Pierre Noailles, Talence

WHEN

Thursday, **March 21**st, 2024 8:30 am – 6 pm



Oral presentations - 3rd year PhD students



Poster sessions - 2nd year PhD students



Presentation from the **SCF Round table** on the well-being

Plenary talk

« Improving the processability of

dynamic covalent networks »



Dr. Damien MONTARNAL
CR CNRS | Catalysis, Polymerisation, Processes and
Materials Laboratory (**CP2M**) — Université de **Lyon**





École doctorale **Sciences chimiques**



26th Doctoral School of Chemical Sciences Day

21st of March, 2024 Morning

8:30 am

Opening speech by representative of the Université de Bordeaux

8:45 am

3rd Year oral presentations

9:45 am

Presentation from the SCF

10:00 am

Coffee break

10:15 am

2nd Year poster session

(session n° $1 \rightarrow 37$)

11:30 am

Round table on the well-being

12:15 pm Lunch

Afternoon

2:00 pm

Plenary talk by Dr. Damien

Montarnal

« Improving the processability of dynamic covalent networks »

3:00 pm

3rd Year oral presentationsc

3:45 pm

Coffee break

4:00 pm

2nd Year poster session

(session n° $38 \rightarrow 75$)

5:15 pm

Presentations of students

associations: Adoc and Aquidoc

5:30 pm

Award ceremony and closing



École doctorale **Sciences chimiques**



Poster 2nd Year PhD students – morning session

		oster z	TCGI I I	ib students – morning session
N°	First Name	Surname	Laboratory	Poster Title
1	Natacha	Bessouet	LCTS	The Thermal-Gradient Chemical Vapor Infiltration Process: Assessment of Chemical Kinetics and Infiltration Quality Criteria
2	Carine	ASSAF	CBMN	Development of Atomic Force Microscopy related modes for the study of plasma membrane repair
3	Justine	COUVEZ	ISM/LCPO	Nanovectors for temperature -and light- activated release of therapeutic actives and monitoring by magnetic resonance imaging
4	Zoi	GANOSIS URIBEZUBIA	ISM/LCPO	Synthesis of covalent dynamic network basec on NHC-borane units
5	Romain	Hello	CRPP	Development of electrostatic polymer complexes for the local and controlled release of actives
6	Guillaume	GERMAN	LCTS	Evolution of ceramic matrix composites in a geological storage environment
7	Lucile	Cluzeau	ISM/LCPO	Polyethylene deconstruction and functionalization through C-H activation
8	Agathe	Zanon	CRPP/LCPO	Electrostriction in self-assembled structures of block copolymers for sensing and energy harvesting
9	Eleonore	KUREK	ISM	Light harvesting and enhanced emission in core-shell dye-based fluorescent organic nanoparticles
10	Jackie	Burghart	LOF	Tunable rheological behavior of ionomer dispersions via formulation
11	Mingshan	CHI	LOF	Microviscosity measurement of complex fluids in microfluidic channel by molecular rotors
12	Louis	AMBROISE	ISM	Photocatalyzed radical additions to ynamides. Application to the total synthesis of Leuconotis alkaloids.
13	Gabrielle	Lacroix	CRPP	Formulation of porous chemically curable Silicone for kidney surgery training
14	Insaf	GAALICH	ISM/ICMCB	Innovative recycling process of lithium-ion batteries: using LCA for eco-design and benchmarking
15	Enmanuel	DUARTE ANAYA	ICMCB	Supercritical ionothermal relithiation of Li1-x(Ni0,6Mn0,2Co0,2)O2 positive electrode materials for Li-Ion Battery Direct Recycling
16	Thomas	DARDE	LCPO	A short overview of polymerization strategies to install degradable motifs in vinylic polymer backbones.
17	Edison	JIMENEZ	CRPP	Photoswitchable azobenzenes-nucleotide coacervate droplets as a step towards membrane-free protocells
18	Josianne	OWONA	ISM	Investigating pressure-sensitive mechanoluminescent properties through a QM/MM hybrid scheme
19	Clara	PIERSSON	CBMN	Mechanisms of membrane-induced tau aggregation
20	Clément	Desgoulières	LCPO	Synthesis of new biobased polyamides with intrinsically flame retardant properties
21	Elena	Daufresne	LCTS	Investigation on RT mechanical behaviour of intermetallic-based compounds for aerospace applications
22	Léonie	Beaupère	CBMN/IBGC	Development of Bioenergetic Hybrid Artificial Cells
23	Luca	Caponecchia	LCPO/ISM	Synthesis of metal-free semiconducting polymers via organocatalysis: sustainable materials for renewable energies
24	Bilal	Erradhouani	ISM/LCPO	How to account for plastic leakage from food packaging in Life Cycle Assessment?
25	Alexandra	Doussot	ISM	Ex situ generation of 1802 and 1702 from endoperoxides for *O-labelling and mechanistic studies of oxidations by dioxygen
26	Etienne	Bequet-Ermoy	ISM	Metal-free biaryl synthesis using boranes
27 28	Marion Wanmai	DOSANTOS Srisuwanno	CRPP/ICMCB ISM/NSysA	Synthesis of piezoelectric (TMA)[FeCl4] and integration into a polymer composite Autonomous chiral metal-motors for enantioselective synthesis
29	Ruchao	Gao	ISM/NSysA	Spatial Precision Tailoring the Catalytic Activity of Graphene Monolayers for Designing Janus Swimmers
30	Grégoire	Boé	ISM	Quantitative in situ analysis of complex fluids by co-localized IR/Raman specroscopy for the study of the chemistry of hydrothermal vents
31	Gwendoline	Bourdon	ISM/EPOC	Hygroscopic properties of organic aerosols of atmospheric interest - Study at the single particle scale
32	lvone Marselina	NUGRAHA	ICMCB/LCPO	Inorganic-polymer composite materials at the positive electrode of Li all solid state batteries
33	Laura	VIAUD	ISM	Dynamics of hydrogen interaction on tungsten surfaces
34	Ana	GORSE	CBMN	Characterization of antipsychotic interactions with the lipid membrane
35	Nejma	RABHI	CBMN	Impact of lipids on the dynamics and heteromerization of the dopamine D2 receptor
36	Léon	Rembotte	CRPP/LP2N	Real-Time Microfluidic Screening of Organoids
37	Guillaume	Gimenez	ISM/NSysA	Biomimetic mussel adhesive-inspired made by self-coacervation of polyampholytes

Poster 2nd Year PhD students – afternoon session

No. Pists Name Summe Laboratory CPO Enhancing controlled drug release with gbearp1-t.glutamate-based poly Annovel pathway for colloidal patchy particles Annovel pathway for colloidal patchy patchy pathway for colloidal patchy pathway for colloidal patchy pathway for colloidal patchy pathway for colloidal patchy patchy pathway for colloidal patchy pathway for colloidal patchy patchy pathway for colloidal patchy patchy pathway pathway for colloidal patchy patchy patchy pathway for colloidal patchy pat		s – atternoon session	Students עו	rear Pr	oster Z''	P(
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