



Tuesday, June 29th 2021 – MORNING

9h15 – 9h30 **Welcome** - Françoise MAUGÉ & Axel LÖFBERG

SESSION 1 – Chairs: Françoise MAUGÉ & Franck LAUNAY

S1 9h30 10h45	9h30	KN1	Reaction-induced changes in structure and activity of supported platinum catalysts investigated in situ: from single atoms to clusters	DESSAL Caroline, LEN Thomas, AFANASIEV Pavel, MORFIN Franck, ROUSSET Jean-Luc, AOUIINE Mimoun, CHIZALLET Céline, SOLER Lluís, LLORCA Jordi, PICCOLO Laurent	IRCELYON, UNIV. LYON - CNRS	
	10h00	#154	O1	Oxidation catalysis at isolated sites modeled by polyoxometalates	GUILLEMOT Geoffroy, ZHANG Teng, SOLÉ-DAURA Albert, POBLET Josep-Maria, PROUST Anna, CARBO Jorge J	IPCM, SORBONNE UNIVERSITE
	10h15	#118	O2	Hydrogenation in water of mono- and disaccharides to polyols using Ni-Fe/SiO ₂ catalysts: optimization of the reaction conditions and beneficial effects of Fe	SADIER Achraf, ROBERT François, AMIENS Catherine, PHILIPPOT Karine, WOJCIESZAK Robert, MARCEAU Eric	UCCS-UNIVERSITÉ DE LILLE- CNRS
	10h30	#13	O3	Metal-metal synergy in silica-supported early/late heterobimetallic catalysts	CAMP Clément, LASSALLE Sébastien, VEYRE Laurent, JABBOUR Ribal, GAJAN David, LESAGE Anne, DEL ROSAL Iker, MARON Laurent, THIEULEUX Chloé	CP2M, UNIV. LYON - CNRS

10h45 – 11h00 **Pause**

SESSION 2 – Chairs: Dorothée LAURENTI & Clément GUIBERT

S2 11h 12h	11h00	#277	O4	Magnetically induced CO ₂ methanation in continuous flow over supported nickel catalyst and the role of supports	GHOSH Sourav, OURLIN Thibault, CHAUDRET Bruno	LPCNO, INSA, CNRS, TOULOUSE
	11h15	#301	O5	Abatement of toluene through “storage-catalytic regeneration” cycling	SONAR Shilpa, GIRAUDON Jean-Marc, JEAN-FRANÇOIS LAMONIER, MORENT Rino, DE GEYTER Nathalie, LÖFBERG Axel	UCCS, UNIVERSITY OF LILLE - CNRS
	11h30	#38	O6	Reactivity of glucose over homogeneous tungsten- and molybdenum-based catalysts	CHIZALLET Céline, EL MOHAMMAD Sabah, LARMIER Kim	IFPEN
	11h45	#28	O7	Improved activity and enantioselectivity of heterogenized molecular catalysts	CANIVET Jérôme	IRCELYON, UNIV. LYON - CNRS

Tuesday, June 29th 2021 - AFTERNOON

SESSION 3 – Chairs: H     OLIVIER-BOURBIGOU & Eric MARCEAU

S3 14h 15h30	14h00	KN2	Biodiversity as an amazing source of enzymes for electrocatalysis	LOJOU Elisabeth	BIP-CNRS-MARSEILLE UNIVERSITY
	14h30 #103	O8	Synthesis of bio-inspired electrode materials for hydrogen evolution	ZAMADER Afridi	CEA GRENOBLE
	14h45 #152	O9	Exploratory study of new hybrid catalysis systems based on enzymes and gold catalysts supported on layered double hydroxydes	GASTALDI Cedric , HELAINE Christine, FORANO Claude, GAUTIER Arnaud	Universit�� Clermont Auvergne CNRS
	15h00 #60	O10	Photodecolourization of methylene blue by TiO ₂ supported zeolite clinoptilolite	BASER Emre , SONMEZ Buse	HISAR SCHOOL
	15h15 #224	P1	Hydrogenation of furfural and nitrobenzene with nickel carbide (Ni ₃ C) and phosphides (Ni ₂ P, Ni ₁₂ P ₅) in mild conditions	ANDRE R��mi , MEYNIEL L��na, CARENCO Sophie	LCMCP, SORBONNE UNIVERSITE - CNRS
	15h20 #236	P2	Heterogeneous second-sphere coordination modified iron porphyrin for carbon dioxide reduction	ZHANG Chanjuan , BOITREL Bernard, HALIME ZAKARIA, AUKAULOO Ally	IC2M, UNIVERSITE PARIS SACLAY
	15h25 #272	P3	Hydrodeoxygenation and hydrogenolysis of biomass-derived products magnetic induction	MUSTIELES MARIN Irene	LPCNO, INSA TOULOUSE-CNRS
	15h30 #276	P4	Zero-valent nickel nanoparticles on halloysite-based supports: synthesis, characterization and applications	PEREZ ALONSO Alejandro	IMT MINES ALBI

15h35 – 15h50 Pause

SESSION 4 – Chairs: Karine VIGIER & Malika BOUALLEG

S4 15h50 17h05	15h50 #279	O11	Electrocatalysis promoted by non-covalent halogen bonding	SCH��LLHORN Bernd , FAVE CLAIRE, GRONI SIHEM, G��RARD H����ne, ROBERT MARC	LEM, UNIVERSIT�� DE PARIS
	16h05 #92	O12	Nickel catalyzed allylation reaction with allylic alcohol	MOUHSINE Bouchaib , KARIM Abdallah, DUMONT Cl��ment, SUISSSE Isabelle, SAUTHIER Mathieu	UCCS, UNIVERSITY OF LILLE - CNRS
	16h20 #96	O13	Asymmetric transfer hydrogenation of ketones promoted by a well-defined manganese pre-catalyst supported by chiral aminophosphines	AZOUZI Karim	LCC-CNRS-TOULOUSE
	16h35 #162	O14	Borinic acids as catalysts in organic synthesis	ALMETWALI Fatima	LCMT, ENSICAEN
	16h50 #271	O15	Selective formation of nitroso-sulfapyridine by new catalytic system: decatungstate/magnetite/H ₂ O ₂	CHENG Peng , SARAHA Mohamed, BONNET Pierre, MOUSTY Christine, MAILHOT Gilles	UNIVERSITE CLERMONT AUVERGNE, CNRS

Wednesday, June 30th 2021 - MORNING

9h15 – 9h30 **Welcome**

SESSION 5 – Chairs: Nathalie TANCHOUX & Céline CHIZALLET

S5 9h30 10h45	9h30	KN3	Nanochemistry inspired by molecular chemistry for catalysis	<u>PHILIPPOT Karine</u>	LCC-CNRS-TOULOUSE
	10h00	#51	O16 Gold nanoelectrocatalysts for glycerol oxidation towards hydrogen production	HOLADE Yaovi, REMITA Hynd, TINGRY Sophie, <u>TULEUSHOVA Nazym</u> , ABDELLAH Ibrahim, CORNU David	IEM, UNIVERSITY OF MONTPELLIER
	10h15	#159	O17 Influence of copper precursor on the catalytic transformation of oleylamine during Cu nanoparticles synthesis	<u>PESESSE Antoine</u> , CARENCO Sophie	LCMCP-SORBONNE UNIVERSITE
	10h30	#193	O18 Upgrading biomass by bimetallic catalysts	<u>CARDONA Miquel</u> , LECANTE Pierre, DINOI Chiara, DEL ROSAL Iker, POTEAU Romuald, PHILIPPOT Karine, AXET M. Rosa	LCC-CNRS-TOULOUSE

10h45 – 11h00 **Pause**

SESSION 6 – Chairs: Pascal FONGARLAND & Benoît LOUIS

S6 11h 12h	11h00	#201	O19 CO ₂ reduction in the liquid phase from immobilized CNC-pincer nickel(II) complexes	<u>DE TOVAR Jonathan</u> , REUILLARD Bertrand, KOEPF Matthieu, ARTERO Vincent	CBM, CEA Grenoble
	11h15	#239	O20 In situ/operando x-ray absorption spectroelectrochemistry: new insights in the catalytic reduction of CO ₂ by Fe porphyrins	<u>MENDOZA Daniela</u> , ANXOLABEHRE-MALLART Elodie, ROBERT Marc, LASSALLE-KAISER Benedikt	SYNCHROTRON SOLEIL
	11h30	#296	O21 Effective homogeneous catalysis of electrochemical reduction of nitrous oxide to dinitrogen at transition metal complexes.	<u>DEEBA Rana</u> , CHARDON-NOBLAT Sylvie, COSTENTIN Cyrille	DCM UGA CNRS
	11h45	#105	O22 Amphiphilic polymeric nanoreactors containing Rh(I)-NHC complexes for aqueous biphasic hydrogenation catalysis	<u>LABANDE Agnès</u> , SAMBOU Salomon Sasaline, HROMOV Roman, RUZHYLO Illia, WANG Hui, ALLANDRIEU Audrey, SABATIER Cassandra, COPPEL Yannick, DARAN Jean-Claude, GAYET Florence, MANOURY Eric, POLI Rinaldo	LCC-CNRS-TOULOUSE