

Les membres du LRS sont soulignés

**Les orateurs sont en gras**

Conférence plénière et/ou invitées

## Communications Orales 2012

L. <u>Amiaud</u> , M. Bourdier, <u>V. Humblot</u> , R. Azria, <u>C.-M. Pradier</u> , A. Lafosse	XVIII <sup>th</sup> Symposium on Atomic, Cluster, and Surface Physics (SASP 2012), Alpe d'Huez (France), 22-27 Janvier 2012	Low energy electron (0-20 eV) induced resonant processes in terphenyl-thiol SAMs
M. Trejda, M. Ziolek, <u>Y. Millot</u> , <u>K. Chalupka</u> , <u>M. Che</u> , <u>S. Dzwigaj</u>	44 <sup>th</sup> Polish Conference on Catalysis, Cracovie, Pologne, Mars 2012	Influence of the different kinds of active sites present in V <sub>x</sub> SiBEA zeolites on their catalytic properties in the methanol oxidation
<u>M. Bouchoucha</u> , <u>M. Jaber</u> , <u>J.-F. Lambert</u>	Conférence Nanoquebec 2012, Montréal, Canada, 20-21 Mars 2012	Adsorption et réactivité des biomolécules en présence de nanomatériaux inorganiques
<u>H. Boucetta</u> , S. Schuller, L. Stievano, R. Podor, J. Ravaux, S. Gossé, X. Carrier, S. Casale, and A. Monteiro	2012 MRS Spring Meeting & Exhibit, San Francisco, USA, 9-13 Avril 2012	Mechanism of RuO <sub>2</sub> crystallization in HLW simplified borosilicate containment glass.
<u>G. Costentin</u> , <u>C. Drouilly</u> , <u>J.M. Krafft</u> , <u>F. Averseng</u> , <u>H. Lauron-Pernot</u> , D. Bazer-Bachi, C. Chizallet, V. Lecocq, O. Delpoux, H. Vezin	4 <sup>th</sup> International Congress on Operando Spectroscopy, New York, 29 Avril-3 Mai 2012	Role of pretreatment and of oxygen vacancies on the catalytic behavior of ZnO toward alcohols conversion: an EPR and DRIFTS study.
<u>L. Delannoy</u> , <u>C. Louis</u> , <u>G. Trimurthulu</u> , P.S. Reddy, B.M. Reddy, J. Nelayah, C. Ricolleau	2 <sup>nd</sup> International Symposium on Intermetallic Compounds in Methanol Steam Reforming, Munich, 27-29 Juin 2012	Au-Cu nanoparticles supported on TiO <sub>2</sub> : an efficient catalyst for selective hydrogenation of 1,3-butadiene
<u>V. Humblot</u> , <u>A. Vallée</u> , A. Naitabdi, <u>F. Tielens</u> , <u>C.-M. Pradier</u>	16 <sup>th</sup> International Conference on Solid Films and Surfaces, Gênes, Italie, 1-6 Juillet 2012	Drastic Au(111) surface reconstruction upon IGF (Gly-Pro-Glu) tripeptide adsorption, from room temperature to 10 K
<u>J. Landoulsi</u> , <u>C.-M. Pradier</u>	16 <sup>th</sup> International Conference on Solid Films and Surfaces, Gênes, Italie, 1-6 Juillet 2012	New insights into the adsorption of short peptides on copper
N. Perret, X. Wang, M. A. Keane, <u>L. Delannoy</u> , <u>C. Potvin</u> , <u>C. Louis</u>	15 <sup>th</sup> ICC, Munich, 1-6 Juillet 2012	Enhanced Selective Hydrogenation of Nitroarenes over Au supported on $\beta$ -Mo <sub>2</sub> C and $\beta$ -Mo <sub>2</sub> C/Al <sub>2</sub> O <sub>3</sub>
P. Boron, <u>L. Chmielarz</u> , <u>S. Dzwigaj</u>	7 <sup>th</sup> Chemical Technology Congress, Cracovie, Pologne, 18-22 Juillet 2012	Zeolity FeSiBEA oraz FeAlSiBEA jako katalizatory reakcji katalitycznego rozkładu N <sub>2</sub> O
M. Trejda, M. Ziolek, <u>Y. Millot</u> , <u>K. Chalupka</u> , <u>M. Che</u> , <u>S. Dzwigaj</u>	15 <sup>th</sup> International Congress on Catalysis, Munich, Allemagne, 1-6 Juillet 2012	Design of VSiBEA Zeolites with Different Kinds of V Species Active in Methanol Oxidation
I. Lampre, <u>P. Ray</u> , C. Martinil, V. Huc, <u>P. Beaunier</u> , H. Remita	International Conference on Nanoscience + Technology, Paris, France, 23-27 Juillet 2012	Small Silver Nanoparticles Stabilised by Fluorescent Calixarenes
<u>L. Amiaud</u> , J. Houplin, <u>V. Humblot</u> , R. Azria, <u>C.-M. Pradier</u> , A. Lafosse	International Conference on Nanoscience + Technology, Paris, France, 23-27 Juillet 2012	Chemical selectivity in self-assembled monolayer modification induced by low energy electron irradiation

<u>C. Louis</u>	Gold 2012, Tokyo, 5-8 Septembre 2012	Gold Nanoparticles in the Past: Their First Uses before the Nanotechnology Era
<u>R. Doherty</u> , <u>J.-M. Krafft</u> , <u>C. Méthivier</u> , <u>S. Casale</u> , <u>H. Remita</u> , <u>C. Louis</u> , <u>C. Thomas</u>	Gold 2012, Tokyo, 5-8 Septembre 2012	Promoting effect of Au on CO oxidation kinetics in Au-Pt nanoparticles supported on SiO <sub>2</sub> : an electronic effect?
<u>C. Louis</u>	Joint Symposium on Advanced Materials and their Applications 2012 OPU-KIST-ECUST Osaka, 10-11 Septembre 2012	Gold-based catalysts for selective hydrogenation
<u>C. Louis</u>	International Symposium on Catalysis and Specialty Chemicals, Tlemcen, Algérie, 23-26 Septembre 2012	Gold-based bimetallic catalysts
<u>C. Drouilly</u> , <u>J.M. Krafft</u> , <u>F. Averseng</u> , <u>H. Lauron-Pernot</u> , <u>D. Bazer-Bachi</u> , <u>C. Chizallet</u> , <u>V. Lecocq</u> , <u>H. Vezin</u> , <u>G. Costentin</u>	5 <sup>th</sup> Workshop on oxide based materials OXIDE 2012, Torino, Italy - 23-27 Septembre 2012	Role of oxygen vacancies of ZnO on the control of activity and stability of ZNO catalyst in alcohol conversion reactions.
<u>C. Thomas</u>	5 <sup>th</sup> Workshop on oxide based materials OXIDE 2012, Torino, Italy - 23-27 Septembre 2012	<i>NO<sub>x</sub>-TPD as an innovative characterization approach for WO<sub>x</sub>-ZrO<sub>2</sub> and ZrO<sub>2</sub>-SBA-15 material</i>
<u>P. Massiani</u> , <u>F. Porcher</u> , <u>G. André</u> , <u>H. Guesmi</u> , <u>T. Onfroy</u> , <u>S. Casale</u>	5 <sup>th</sup> Workshop on oxide based materials OXIDE 2012, Torino, Italy - 23-27 Septembre 2012	In situ monitoring of the mobility of Ni <sup>2+</sup> cations in zeolites upon dehydration: a combined experimental and theoretical study
<u>N. Popovych</u> , <u>P. Kyriinko</u> , <u>S. Soloviev</u> , <u>S. Orlyk</u> , <u>S. Dzwigaj</u>	7 <sup>th</sup> International Congress on Environmental Catalysis, Lyon, France - 2-6 Septembre 2012	Selective reduction of NO by C <sub>2</sub> ,C <sub>4</sub> -alcohols on AgBEA and Ag/Al <sub>2</sub> O <sub>3</sub> catalysts
<u>T. Bonnotte</u> , <u>C. Sayag</u> , <u>J.-M. Krafft</u> , <u>C. Méthivier</u> , <u>F. Ser</u> , <u>M. Sicard</u> , <u>C. Thomas</u>	7 <sup>th</sup> International Congress on Environmental Catalysis, Lyon, France - 2-6 Septembre 2012	<i>Are all the Rh species supported on WO<sub>x</sub>-Ce<sub>0.62</sub>Zr<sub>0.38</sub>O<sub>2</sub> active in the autothermal reforming of n-C<sub>10</sub>?</i>
<u>B.C.L. Chan</u> , <u>M. Ip</u> , <u>C. Jolivald</u> , <u>E.K.L. Hon</u> , <u>Q.B. Han</u> , <u>C.B.S. Lau</u> , <u>J.M. Paris</u> , <u>M. Litaudon</u> , <u>D. Panda</u> , <u>K. P. Fung</u> , <u>P. C. Leung</u>	International Biotechnology Symposium, Daegu, Korea, 16-21 Septembre 2012	Chinese Medicinal Herbs as Antibacterial Agents Sources
<u>I. Liascukiene</u> , <u>J. Landoulsi</u> , <u>N. Aissaoui</u> , <u>J-F. Lambert</u> , <u>S. J. Asadauskas</u>	10 <sup>th</sup> Euro Fed Lipid Congress, Cracow, Poland, 23-26 Septembre 2012	Adsorption behavior of fatty acids on AlOOH surface: From self-assembly to surface nanostructuration
<u>J-F. Lambert</u> , <u>M. Jaber</u> , <u>T. Georgelin</u> , <u>H. Bazzi</u>	12 <sup>th</sup> European Workshop on Astrobiology « EANA2012 », Stockholm, 15-17 Octobre 2012	Formation of activated molecules by condensation on mineral surfaces

## Communications Orales 2013

<u>C. Louis</u>	21 <sup>st</sup> National Symposium on Catalysis (CATSYMP-21) Indian Institute of Chemical Technology (CSIR-IICT) & Catalysis Society of India, Hyderabad, India, 11-13 Février 2013	Gold-based bimetallic catalysts
<u>A. Bejar</u> , <u>S. Ben Chaâbene</u> , <u>L. Bergaoui</u> , <u>M. Jaber</u> , <u>J.-F. Lambert</u>	Euro-Mediterranean Meeting on Functionalized Materials, Hammamet, 25-28 Mars 2013	Hydrothermal synthesis of manganese containing analcime for catalytic application: oxydation of cyclohexene
<u>P. Boron</u> , <u>L. Chmielarz</u> , <u>J. Gurgul</u> , <u>K. Latka</u> , <u>T. Shishido</u> , <u>J.-M. Krafft</u> , <u>S. Dzwigaj</u>	45 <sup>th</sup> Polish Conference on Catalysis, Cracovie, Pologne, Mars 2013	SCR of NO with ammonia on Fe-containing zeolite catalysts
<u>K. A. Chalupka</u> , <u>J. Grams</u> , <u>S. Casale</u> , <u>E. Zurawicz</u> , <u>J. Kaluzna - Czaplinska</u> , <u>W. Maniukiewicz</u> , <u>J. Rynkowski</u> , <u>S. Dzwigaj</u>	45 <sup>th</sup> Polish Conference on Catalysis, Cracovie, Pologne, Mars 2013	The activity of cobalt zeolite catalysts (CoBEA) in Fischer - Tropsch synthesis
<u>R. Baran</u> , <u>I.I. Kaminska</u> , <u>S. Casale</u> , <u>T. Onfroy</u> , <u>A. Srebowata</u> , <u>S. Dzwigaj</u>	7 <sup>th</sup> International Congress on Acid Base Catalysis, ABC-7, Tokyo, Japon, 13-15 Mai 2013	Hydrodechlorination of 1,2-dichloroethane on nickel loaded Beta zeolites: influence of the acidity and nickel state on product selectivity
<u>J. Blanchard</u> , <u>C. Dupont</u> , <u>Y. Millot</u> , <u>J.M. Krafft</u> , <u>T. Takahashi</u> , <u>H. Yasuda</u> , <u>A. Tougerti</u> , <u>S.Cristol</u>	7 <sup>th</sup> International Congress on Acid Base Catalysis, ABC-7, Tokyo, Japon, 13-15 Mai 2013	FTIR and XAS as Tools to Identify the Acid Sites Amorphous Silica-Aluminas

<u>S. Diallo-Garcia</u> , <u>M. Ben Osman</u> , <u>J.M. Krafft</u> , <u>Y. Millot</u> , <u>G. Costentin</u>	7th International Congress on Acid Base Catalysis, ABC-7, Tokyo, Japon, 13-15 Mai 2013	Identification of the active sites responsible for the atypical performances of hydroxyapatite basic system in the ethanol conversion in n-butanol
<u>A. Srebowata</u> , <u>R. Baran</u> , I.I. Kaminska, D. Lisovytskiy, D. Lomot, <u>S. Dzwigaj</u>	RomCat2013 Conference, Cluj Napoca, Roumanie, 29-31 Mai 2013	Hydrodechlorination of chloroorganic compounds on nickel promoted beta zeolites, the role of nickel species and acidity of the support
<u>X. Carrier</u> , <u>A. Tougerti</u> , <u>M. Che</u> , F. d'Acapito, I. Llorens, J.L. Hazemann, D. Thiaudière, E. Fonda	Vlth International Symposium on Molecular Aspects of Catalysis by Sulfides, Satillieu-France, 12-16 Mai 2013	Surface EXAFS characterization of Mo(Ni) model catalysts supported on Al <sub>2</sub> O <sub>3</sub> single crystals
C. J. Roy, D. Kalaskar, <u>J. Landoulsi</u> , C.C. Dupont-Gillain, A. M. Jonas, <u>S. Demoustier-Champagne</u>	E-MRS 2013 Spring Meeting, European Materials Research Society, Strasbourg, France, 27-31 Mai 2013	Highly versatile approach for the preparation of bioactive multifunctional nanotubes and nanowires
<u>I. Liascukiene</u> , <u>J. Landoulsi</u> , <u>N. Aissaoui</u> , <u>J.-F. Lambert</u> , S. J. Asadauskas	104th AOCs Annual Meeting and Short Course, Québec, 28 Avril-1 Mai 2013	The complexity of interfacial processes between metallic surface and free fatty acids / esters
R. Sassine, <u>C. Rocha</u> , <u>M. Ramin</u> , <u>T. Onfroy</u> , <u>F. Launay</u> , A. Nowicki, A. Roucoux,	2 <sup>nd</sup> International Symposium on Green Chemistry Renewable carbon and Eco-Efficient Processes ISGC2, La Rochelle, 21-24 Mai 2013	Development of supported quaternary ammonium salts as catalysts and/or for the stabilization of nanoparticles: Applications to the valorization of CO <sub>2</sub> and hydrogenation under mild conditions
<u>J. Blanchard</u> , <u>R.P. Doherty</u> , H.Y. Law, <u>C. Méthivier</u> , <u>C. Thomas</u>	23 <sup>rd</sup> North American Catalysis Society Meeting, Louisville, Etat-Unis, 02-07 Juin 2013	Importance of the Close Proximity Between Ag and Al <sub>2</sub> O <sub>3</sub> in the n-C10-SCR of NOx: Influence of the Addition of W to Al <sub>2</sub> O <sub>3</sub>
<u>A. Srebowata</u> , <u>R. Baran</u> , I.I. Kaminska, <u>S. Casale</u> , <u>T. Onfroy</u> , <u>S. Dzwigaj</u>	23 <sup>rd</sup> North American Catalysis Society Meeting, Louisville, Etat-Unis, 02-07 Juin 2013	Hydrodechlorination of 1,2-dichloroethane on nickel loaded Beta zeolites: influence of the acidity and nickel state on product selectivity
<u>A. Srebotawa</u> , I.I. Kaminska, D. Lomot, D. Lisovytskiy, <u>R. Baran</u> , <u>T. Onfroy</u> , <u>S. Dzwigaj</u>	17 <sup>th</sup> International Zeolite Conference, Moscow, Russie, 05-06 Juillet 2013	Catalytic activity of NixSiBEA and NixHALBEA in conversion of 1,2-dichloroethane
<u>T. Onfroy</u> , F. Aubrit, <u>S. Casale</u> , L. Gaberova, <u>P. Massiani</u>	17 <sup>th</sup> International Zeolite Conference, Moscow, Russie, 05-06 Juillet 2013	Formation of a secondary phase during Ni <sup>2+</sup> exchange of Faujasite: influence of conditions and study by electron microscopies
<u>K. Benzerara</u> , F. Skouri-panet, M. Ragon, <u>N. Cam</u> , J. Li, C. Ferard, <u>J.-F. Lambert</u> , <u>T. Georgelin</u> , <u>M. Jaber</u> , D. Moreira, P. Lopez-Garcia	12th Goldschmidt, Florence, 25-30 Août 2013	Intracellular calcification by cyanobacteria: a significant controlled biomineralization process
<u>N. Cam</u> , <u>J.-F. Lambert</u> , <u>K. Benzerara</u> , <u>T. Georgelin</u> , <u>M. Jaber</u>	12th International Symposium on Biomineralization (BioMin 12), Freiberg (Allemagne), 27-30 Août 2013	Abiotic synthesis of amorphous (Ba, Ca, Sr, Mg) - carbonates-mimicking intracellular controlled calcification by cyanobacteria
<u>S. Boujday</u> , <u>J. Blanchard</u> , <u>C. Louis</u> , <u>C. Méthivier</u> , J. Regalbuto	11 <sup>th</sup> European Congress on Catalysis - EuropaCat-XI, Lyon, 1-6 Septembre 2013	<i>In-situ</i> monitoring of transition metal complexes adsorption on oxide surfaces during the first stages of supported metal catalysts elaboration
<u>C. Oumahi</u> , <u>L. Delannoy</u> , <u>C. Louis</u> , <u>X. Carrier</u>	11 <sup>th</sup> European Congress on Catalysis - EuropaCat-XI, Lyon, 1-6 Septembre 2013	Heterogeneous catalysts preparation in ionic liquids: alumina and titania-supported gold nanoparticles
<u>C. Jolival</u> , M. Ardhaoui, M. Zheng, J. Pulpytel, D. Dowling, F. Arefi Khonsari	11 <sup>th</sup> European Congress on Catalysis - EuropaCat-XI, Lyon, 1-6 Septembre 2013	Plasma functionalized carbon bioelectrode for laccase-catalyzed oxygen reduction by direct electron transfer
<u>C. Rocha</u> , <u>M. Ramin</u> , <u>R. Sassine</u> , <u>T. Onfroy</u> , <u>F. Launay</u>	11 <sup>th</sup> European Congress on Catalysis - EuropaCat-XI, Lyon, 1-6 Septembre 2013	Toward supported co-catalysts for the direct conversion of styrene to styrene carbonate in the presence of O <sub>2</sub> and CO <sub>2</sub>
<u>S. Diallo-Garcia</u> , <u>M. Ben Osman</u> , <u>J.M. Krafft</u> , <u>Y. Millot</u> , <u>G. Costentin</u>	11 <sup>th</sup> European Congress on Catalysis - EuropaCat-XI, Lyon, 1-6 Septembre 2013	Identification of the surface sites of hydroxyapatite active for n-butanol formation from ethanol
<u>H. Petitjean</u> , H. Guesmi-Emery, <u>M. Che</u> , <u>H.Lauron-Pernot</u> , <u>G. Costentin</u> , D. Loffreda, P. Sautet, F. Delbecq	11 <sup>th</sup> European Congress on Catalysis - EuropaCat-XI, Lyon, 1-6 Septembre 2013	How surface hydroxyls enhance basic catalysis on MgO: an experimental-theoretical investigation
<u>V. Lebec</u> , <u>S. Boujday</u> , C. Poleunis, <u>C.-M. Pradier</u> , A. Delcorte	19 <sup>th</sup> International Vacuum Congress, IVC-19, Paris, 9-13 Septembre 2013	Linking proteins bio-recognition to their orientation on different substrates by means of surface analysis

<u>I. Liascukiene</u> , S. J. Asadauskas, <u>N. Aissaoui</u> , <u>J.-F. Lambert</u> , <u>J. Landoulsi</u>	4th ISSIB 2013 (International Symposium on Surface and Interface of Biomaterials), Rome, Italie, 24-28 Septembre 2013	Self-assembly of fatty acids on hydroxylated aluminium surface: Nanoscale organization and effect on protein adsorption
<u>J. Landoulsi</u> , A. Berquand, <u>C. Méthivier</u> , <u>C.-M. Pradier</u>	4th ISSIB 2013 (International Symposium on Surface and Interface of Biomaterials), Rome, Italie, 24-28 Septembre 2013	Mechanism of interaction of oligopeptides with copper surfaces: Sticking versus Stripping
<u>V. Lebec</u> , <u>S. Boujday</u> , C. Poleunis, <u>C.-M. Pradier</u> , A. Delcorte	19 <sup>th</sup> International Conference on Secondary Ion Mass Spectrometry, Jeju, Korea, 29 Septembre - 4 Octobre, 2013	Determination of antibody orientations on different surfaces and nanoparticles using ToF-SIMS
<u>S. Boujday</u> , P. Thébault, <u>C.-M. Pradier</u> , <u>V. Humblot</u> , <u>E. Bedford</u>	BioInterfaces 2013, Minneapolis, MN, USA, October 7-9 2013	Influence of SAMs nature and length on protein adsorption and bioactivity
<u>J. Landoulsi</u> , <u>C. Méthivier</u> , <u>C.-M. Pradier</u>	15 <sup>th</sup> European Conference on Applications of Surface and Interface Analysis, ECASIA'13, Sardinia, Italy, 13-18 Octobre 2013	Deciphering the mechanism of interaction of short peptides with copper surface
<u>J. Spadvecchia</u> , <u>C. Méthivier</u> , <u>J. Landoulsi</u> , <u>C.-M. Pradier</u>	15 <sup>th</sup> European Conference on Applications of Surface and Interface Analysis, ECASIA'13, Sardinia, Italy, 13-18 Octobre 2013	Interaction of Zn(II) porphyrin with TiO <sub>2</sub> NPs: From surface characterization to the synthesis of hybrid nanomaterials
A. Lombana, Z. Raja, <u>C.-M. Pradier</u> , A. Ladram, <u>V. Humblot</u>	15 <sup>th</sup> European Conference on Applications of Surface and Interface Analysis, ECASIA'13, Sardinia, Italy, 13-18 Octobre 2013	Covalent grafting of chiral antimicrobial peptides on gold surfaces: adhesion Vs. antibacterial effect
<u>N. Baccile</u> , A.-S. Cuvier, <u>C. Valotteau</u> , <u>V. Humblot</u> , <u>C.-M. Pradier</u> , F. Babonneau	1 <sup>st</sup> EuCheMS Congress on Green and Sustainable Chemistry, Budapest, Hongrie, 13-15 Octobre 2013	Applications of biosurfactants in material science
A. Lombana, Z. Raja, <u>C.-M. Pradier</u> , A. Ladram, <u>V. Humblot</u>	1 <sup>st</sup> Peptide Materials for Biomedicine and Nanotechnology (PepMat 2013), Sorrento - Napoli, Italy, 28-31 Octobre 2013	Covalent grafting of chiral antimicrobial peptides on gold surfaces: adhesion Vs. antibacterial effect
<u>J. Teyssandier</u> , S. Boujday, R. Villanneau, D. Knopp, <u>C.-M. Pradier</u> , A. Proust	VI European School on Molecular Nanoscience (ESMolNa), Cuenca, Spain, 27-31 Octobre 2013	Functionalized Polyoxometalates for Surface Nanostructuring of Biosensors
<u>C. Oumahi</u> , J. Ballah, L. Delannoy, <u>C. Louis</u> , <u>X. Carrier</u>	ILMAT (Ionic Liquids derived Materials), Montpellier-France, 18-20 Novembre 2013	Heterogeneous catalysts preparation in ionic liquids : titania-supported gold nanoparticles

## Communication Orales 2014

<u>K. A. Chalupka</u> , C. Thomas, T. Onfroy, Y. Millot, S. Casale, E. Zurawicz, J. Rynkowski, <u>S. Dzwigaj</u>	46 <sup>th</sup> Polish Confer. on Catalysis, Cracovie, Pologne, Mars 2014	BEA zeolite modified by transition metals (Co, Ni, V) as active catalyst of: Fischer - Tropsch synthesis, partial oxidation of methane (POM) and oxidative dehydrogenation of propane (ODH)
<u>S. Boujday</u> , D. Mercier, M. Ben Haddad, M. Huebner, D. Knopp, R. Niessner, M. SalMain, A. Proust	Biosensors 2014, Melbourne, Australia, Mai 27-30	Nanostructured gold surfaces for sensitive biosensing of benzo[a]pyrene
<u>C. Thomas</u> , R.P. Doherty, J-M. Krafft, <u>C. Méthivier</u> , S. Casale, H. Remita, <u>C. Louis</u>	TOCAT7, 7th Tokyo Conference on Advanced Catalytic Science and Technology, Kyoto, 1-6 Juin 2014	Electron enrichment of Pt surface atoms by Au atoms as the origin of the promoting effect of Au in CO oxidation kinetics on Au-Pt/SiO <sub>2</sub>
<u>T. Takahashi</u> , Y. Millot, <u>J. Blanchard</u> , S. Hayashi, H. Yasuda	TOCAT7, 7th Tokyo Conference on Advanced Catalytic Science and Technology, Kyoto, 1-6 Juin 2014	27Al-29Si CPMAS evidence for the existence of framework six-coordinated Al in Al-MCM-41 par Toshikazu
M. Makhoul, <u>J. Blanchard</u> , S. Cristol, A. Tougeriti, T. Takahashi, H. Yasuda	TOCAT7, 7th Tokyo Conference on Advanced Catalytic Science and Technology, Kyoto, 1-6 Juin 2014	Identification of the acid sites amorphous silica-aluminas by FTIR and XAS
<u>J.C. Védrine</u>	TOCAT7, 7th Tokyo Conference on Advanced Catalytic Science and Technology, Kyoto, 1-6 Juin 2014	Acid Base characterisation of heterogeneous catalysts: an up to date overview
<u>S. Dzwigaj</u> , A. Srebowata, R. Baran, <u>S. Casale</u> , D. Lisovytskiy, I.I. Kaminska, D. Lomot	TOCAT7, 7th Tokyo Conference on Advanced Catalytic Science and Technology, Kyoto, 1-6 Juin 2014	Hydrodechlorination of 1,2-dichloroethane over monometallic NiBEA and bimetallic CuNiBEA zeolite catalysts

<u>S. Dzwigaj</u> , <u>K. A. Chalupka</u> , <u>C. Thomas</u> , <u>Y. Millot</u> , <u>F. Averseng</u>	8 <sup>th</sup> International Symposium on Group Five Elements, Malaga, Spain, 24-27 Juin 2014	Pseudo-tetrahedral V species as the active sites of the selective oxidative dehydrogenation of propane
K. Atmane, C. Michel, J-Y. Piquemal, P. Sautet, P. Beaunier, M. Giraud, M. Sicard, S. Novwak, R. Losno, G. Viaud	1st International Conference on Polyol Mediated Synthesis, Paris, 22-25 Juin, 2014	New insights on the control of the shape of Co nanocrystals prepared in liquid polyol
<u>C. Louis</u>	Gordon Research Conference on Catalysis, From Art to Science, New London (USA), 22-27 Juin 2014	Deposition-Precipitation for Synthesis of Bimetallic Catalysts
<u>N. Baccile</u> , A.-S. Cuvier, <u>C. Valotteau</u> , <u>V. Humblot</u> , <u>C.-M. Pradier</u> , F. Babonneau	20 <sup>th</sup> International Symposium on Surfactants in Solution, Coimbra (Portugal), 22-27 Juin 2014	A nanoscience perspective of the yeast-derived sophorolipid biosurfactants
<u>C. Bara</u> , A-F. Lamic-Humblot, E. Devers, M. Digne, G. Pirngruber, <u>X. Carrier</u>	Prepa-11 (11th International Symposium, Scientific Bases for the Preparation of Heterogeneous Catalysts), Louvain la Neuve-Belgique, Juillet 2014	Surface orientation effect in alumina-supported hydrodesulfurization catalysts : A surface science approach
<u>J. Landoulsi</u> , I. Liascukiene, V. Dupres, <u>M. Steffenhagen</u> , <u>N. Aissaoui</u> , J. Asadauskas, <u>J.-F. Lambert</u>	XII International Conference on Nanostructured Materials: Nano2014, Moscow, Russia, 13-18 Juillet 2014	Self-assembly of Fatty Acids on Aluminum Surface: Nanoscale Organization, Wettability and Effect on Protein Adsorption
<u>T. Degabriel</u> , <u>J. Spadavecchia</u> , <u>J. Landoulsi</u> , <u>C.-M. Pradier</u>	XII International Conference on Nanostructured Materials: Nano2014, Moscow, Russia, 13-18 Juillet 2014	Interaction of type I collagen with TiO <sub>2</sub> nanoparticles: Evidences of changes of supramolecular organization in the adsorbed phase
<u>P. Coll</u> , O. Poch, M. Jaber, <u>J.-F. Lambert</u> , <u>T. Georgelin</u> , F. Stalport et C. Szopa	Origins 2014 International Conference, Nara, 6-11 Juillet 2014	Search for clues of life or habitability at Mars: Laboratory simulation of the evolution of organic molecules at the surface of Mars
<u>Thomas Georgelin</u> , <u>Maguy Jaber</u> , <u>Frédéric Fournier</u> , <u>Mariame Akouche</u> , Marie-Christine Maurel, <u>Jean-Francois Lambert</u>	Origins 2014 International Conference, Nara, 6-11 Juillet 2014	Abiotic phosphorylation of D-Ribose and nucleosides
<u>V. Humblot</u> , <u>C. Méthivier</u> , H. Cruguel, <u>C.-M. Pradier</u>	26 <sup>th</sup> International Symposium on Chiral Discrimination, ISCD-26, CHIRALITY 2014, Prague (Czech Republic), 27-30 Juillet 2014	Unravelling surface chirality of Gly-Pro dipeptide on Cu(110) and Au(110)-(1x2) surfaces.
<u>C. Thomas</u> , T. Chaieb, L. Delannoy, <u>C. Louis</u>	8th International Conference on Environmental Catalysis (ICEC8), Asheville, USA, 24 - 27 Août 2014	On the origin of the optimum loading of Ag on Al <sub>2</sub> O <sub>3</sub> in the C <sub>3</sub> H <sub>6</sub> -SCR of NO <sub>x</sub>
<u>C. Thomas</u> , T. Chaieb, L. Delannoy, <u>G. Costentin</u> , <u>C. Louis</u>	8th International Conference on Environmental Catalysis (ICEC8), Asheville, USA, 24 - 27 Août 2014	Insights into the influence of the Ag loading on Al <sub>2</sub> O <sub>3</sub> in the H <sub>2</sub> -assited C <sub>3</sub> H <sub>6</sub> -SCR of NO <sub>x</sub> : a kinetic study
<u>S. Dzwigaj</u> , P. Boron, L. Chmierlarz, <u>S. Casale</u> , <u>J.-M. Krafft</u> , <u>C. Calers</u>	8th International Conference on Environmental Catalysis (ICEC8), Asheville, USA, 24 - 27 Août 2014	Effect of Co content on the catalytic activity of CoSiBEA zeolites in the N <sub>2</sub> O decomposition
<u>M.-Y. Kim</u> , J.-S. Choi, T.J. Toops, <u>C. Thomas</u> , A. Binder, J.E. Parks II, V. Schwartz, J. Chen	8th International Conference on Environmental Catalysis (ICEC8), Asheville, USA, 24 - 27 Août 2014	Enhancing durability and low-temperature activity of Pd-based diesel oxidation catalysts using ZrO <sub>2</sub> support
<u>A. Osypova</u> , <u>C.-M. Pradier</u> , C. Jerome, <u>J. Landoulsi</u> , S. Demoustier-Champagne	European Society of Biomaterials, Liverpool, UK, 30 Août - 3 Septembre 2014	Design of stimuli-responsive films through Layer-by-layer assembly for the control of protein adsorption
<u>C.-M. Pradier</u> , <u>J. Landoulsi</u> , <u>C. Méthivier</u> , <u>V. Humblot</u>	30 <sup>th</sup> European Conference on Surface Science (ECOSS 30), Antalya (Turkey), 31 Août-5 Septembre 2014	Peptide interaction with metal surfaces; can we describe and predict their integrity and reactivity?
<u>C.-M. Pradier</u> , <u>V. Humblot</u>	30 <sup>th</sup> European Conference on Surface Science (ECOSS 30), Antalya (Turkey), 31 Août-5 Septembre 2014	Chiral recognition of L-gramicidine on chiraly methionine-modified Au(111) surfaces
<u>C. Valotteau</u> , <u>C.-M. Pradier</u> , F. Babonneau, N. Baccile, <u>V. Humblot</u>	30 <sup>th</sup> European Conference on Surface Science (ECOSS 30), Antalya (Turkey), 31 Août-5 Septembre 2014	Surface protection from biofilm formation using an ecofriendly biosurfactant
R. Pequeux, <u>E. Genty</u> , R. Cousin, <u>S. Casale</u> , S. Capelle, <u>P. Massiani</u> , S. Siffert	AWPAC 2014, 3rd Int. Symp. on Air & Water Pollution Abatement Catalysis, Cracovie, Pologne, 1-5 Septembre 2014	Microwaves and ultrasound assisted synthesis of hydrotalcite like compounds: application for toluene catalytic total oxidation
<u>T. H. Nguyen</u> , A. Krzton, A. Lamacz, <u>P. Beaunier</u> , <u>G. Djega-Mariadassou</u> , A. Ura, <u>K. Chalupka</u> , M. Nowosielska, J. Rynkowski	AWPAC 2014, 3rd Int. Symp. on Air & Water Pollution Abatement Catalysis, Cracovie, Pologne, 1-5 Septembre 2014	Model and Global Kinetics of Partial Oxidation of Methane (POM) to Syngas over

<u>R. Baran</u> , T. Grzybek, <u>S. Dzwigaj</u>	AWPAC 2014, 3rd Int. Symp. on Air & Water Pollution Abatement Catalysis, Cracovie, Pologne, 1-5 Septembre 2014	The high activity of mononuclear copper species in the selective catalytic reduction of NO with NH <sub>3</sub> over CuSiBEA zeolites
<u>K. A. Chalupka</u> , T. Onfroy, <u>S. Casale</u> , P. Mierczynski, T. Maniecki, J. Rynkowski, <u>S. Dzwigaj</u>	AWPAC 2014, 3rd Int. Symp. on Air & Water Pollution Abatement Catalysis, Cracovie, Pologne, 1-5 Septembre 2014	The activity of Co- and Fe-SiBEA zeolite catalysts in Fischer-Tropsch synthesis
A. Srebrowata, I. I. Kaminska, <u>R. Baran</u> , <u>S. Dzwigaj</u>	AWPAC 2014, 3rd Int. Symp. on Air & Water Pollution Abatement Catalysis, Cracovie, Pologne, 1-5 Septembre 2014	Catalytic purification of water from trichloroethene
<u>N. Baccile</u> , A.-S. Cuvier, <u>C. Valotteau</u> , <u>V. Humblot</u> , C.-M. Pradier, F. Babonneau	Nature Inspires Chemistry Engineers, N.I.C.E. International Conference, Nice, 15-17 Octobre 2014	Yeast-derived sophorolipid biosurfactants: their self-assembly and applications in material science
<u>C. Valotteau</u> , F. Bousta, <u>V. Humblot</u> , N. Baccile, F. Babonneau, C.-M. Pradier	1 <sup>st</sup> European Conference on Biodeterioration of Stone Monuments, Cergy-Pontoise, 7 Novembre 2014	Development of protective biocidal coatings using eco-friendly biosurfactants
<u>H. Remita</u> , S. Ghosh, N.A. Kouame, L. Ramos, S. Remita, A. Dazzi, A. Deniset-Besseau, <u>P. Beaunier</u> , F. Goubard, P.-H. Aubert	Advanced Oxidative Technologies AOTs-20, San Diego, USA, 17-20 Novembre 2014	Conducting Polymer Nanostructures: Promising Photocatalysts under Visible-Light

## Communications Orales 2015

<u>X. Carrier</u>	Workshop « TOTAL Catalysis Club 2015 », Bruxelles (Belgique), Janvier 2015	Selected examples from research conducted at LRS-UPMC : a scientific approach of catalyst preparation
<u>R. Baran</u> , T. Grzybek, <u>S. Dzwigaj</u>	47 <sup>th</sup> Polish Conference on Catalysis, Cracovie, Pologne, Mars 2015	Catalytic properties of CuBEA and MnBEA zeolites in selective catalytic reduction of NO with ammonia
<u>S. Dzwigaj</u> , <u>K. A. Chalupka</u> , <u>C. Thomas</u> , <u>Y. Millot</u> , <u>F. Averseng</u>	47 <sup>th</sup> Polish Conference on Catalysis, Cracovie, Pologne, Mars 2015	Mononuclear pseudo-tetrahedral V species as the active sites of the selective oxidative dehydrogenation of propane
<u>J. C. Védrine</u>	249 <sup>th</sup> ACS National meeting, Denver 23-26 March 2015, ENFL division "Distinguished Researcher Award" Symposium for Dr. James Burrington	Acid-base, redox and catalytic properties of mixed oxides in heterogeneous selective oxidation reactions: description of active sites
<u>M.N. Kaydouh</u> , N. El Hassan, <u>A. Davidson</u> , <u>S. Casale</u> , H. El Zakhem, <u>P. Massiani</u>	MedGO (International Mediterranean Gas and Oil Conference), Beyrouth, Liban, 16 - 18 Avril 2015	High activity and stability of Ni/SBA-15 catalysts prepared by "two solvents" method for the dry reforming of methane
<u>K. Jabbour</u> , N. El Hassan, <u>A. Davidson</u> , <u>S. Casale</u> , <u>M. N. Kaydouh</u> , H. El Zakhem, <u>P. Massiani</u>	MedGO (International Mediterranean Gas and Oil Conference), Beyrouth, Liban, 16 - 18 Avril 2015	Active site identification in Nickel based catalysts dispersed on macro, meso and non-porous supports used for combined reforming of methane
<u>K. Larmier</u> , C. Chizallet, A. Nicolle, S. Maury, N. Cadran, A.-F. Lamic-Humblot, <u>E. Marceau</u> , <u>H. Lauron-Pernot</u>	3rd International Symposium on Green Chemistry (ISGC 2015), 3 - 7 Mai 2015, La Rochelle, France	The selectivity issue in isopropanol dehydration over $\gamma$ -alumina : a combined experimental and multi-scale modeling study
<u>F. Launay</u> , N. Balistreri, <u>C. Jolival</u>	3rd International Symposium on Green Chemistry (ISGC 2015), 3 - 7 Mai 2015, La Rochelle, France	In search for an heterogeneous aerobic catalytic epoxidation system based on the in situ enzymatic production of H <sub>2</sub> O <sub>2</sub>
<u>A. Gimat</u> , <u>P. Massiani</u> , V. Rouchon	EMR-S Spring meeting, Lille, France, 11 - 15 Mai 2015	Iron-enhanced degradation of cellobiose: a model study for cultural heritage preservation and biomass valorisation
<u>M. Ben Osman</u> , <u>J. M. Krafft</u> , T. Yoshioka, J. Kubo, <u>G. Costentin</u>	5th International Conference on Operando Spectroscopy, Deauville, 17-21 Mai 2015	Monitoring the n-butanol formation from ethanol on hydroxyapatite by operando DRIFTS
<u>S. Boujday</u> , M. Ben Haddada, M. Huebner, <u>S. Casale</u> , R. Niessner, M. Salmain, D. Knopp	Bio-Asia 2015 Conference, Singapore, 20-22 Mai 2015	Gold Nanoparticles Assembly on Surfaces for Nano-organization and Biosensing of small molecules

<u>V. Humblot</u> , <u>L. Valentin</u> , N. Baccile, <u>C.-M. Pradier</u> , M. Ip, C. Lau, B. Chan, P.C. Leung, <u>C. Jolivald</u>	Bio-Asia 2015 Conference, Singapore, 20-22 Mai 2015	Co-grafting of rhamnolipids and antimicrobial compounds from Chinese Herbs on patterned gold surfaces: test for antifouling and antibacterial activities
<u>C. Bara</u> , A.-F. Lamic-Humblot, E. Devers, M. Digne, G. Pirngruber, <u>X. Carrier</u>	24 <sup>th</sup> North American Catalysis Society Meeting, Pittsburgh, USA, 14-19 Juin 2015	Surface-dependent sulfidation of model planar alumina-supported Mo catalysts prepared by a conventional aqueous route
<u>N. Masoud</u> , <u>L. Delannoy</u> , K. P. de Jong, <u>C. Louis</u> , P. E. de Jongh	24 <sup>th</sup> North American Catalysis Society Meeting, Pittsburgh, USA, 14-19 Juin 2015	Au, Ag and Au-Ag catalysts supported on SBA15 for the selective hydrogenation of butadiene
T. Chaieb, <u>L. Delannoy</u> , <u>C. Louis</u> , <u>C. Thomas</u>	24 <sup>th</sup> North American Catalysis Society Meeting, Pittsburgh, USA, 14-19 Juin 2015	NO <sub>x</sub> -TPD as a Tool to Unravel the Origin of the Optimum Loading of Ag on Al <sub>2</sub> O <sub>3</sub> in the C <sub>3</sub> H <sub>6</sub> -SCR of NO <sub>x</sub>
A. Sandoval, <u>L. Delannoy</u> , <u>C. Méthivier</u> , <u>C. Louis</u> , <u>R. Zanella</u>	24 <sup>th</sup> North American Catalysis Society Meeting, Pittsburgh, USA, 14-19 Juin 2015	Synergetic Effect in Bimetallic Au-Ag/TiO <sub>2</sub> Catalysts for CO Oxidation: Insights from In Situ Characterization
<u>S. Dzwigaj</u> , R. Baran, T. Onfroy, Y. Millot, T. Grzybek	24 <sup>th</sup> North American Catalysis Society Meeting, Pittsburgh, USA, 14-19 Juin 2015	BEA zeolite modified with copper as effective catalyst of SCR of NO with NH <sub>3</sub>
P. Boron, L. Chmielarz, <u>C. Calers</u> , <u>S. Dzwigaj</u>	24 <sup>th</sup> North American Catalysis Society Meeting, Pittsburgh, USA, 14-19 Juin 2015	The promotion of Co-BEA zeolites by copper for SCR of NO with NH <sub>3</sub>
<u>K. Chalupka</u> , T. Onfroy, <u>S. Casale</u> , J. Grams, J. Rynkowski, <u>S. Dzwigaj</u>	24 <sup>th</sup> North American Catalysis Society Meeting, Pittsburgh, USA, 14-19 Juin 2015	The remarkable effect of the preparation procedure on the catalytic activity of CoBEA zeolites in the Fischer-Tropsch Synthesis
M.-Y. Kim, <u>E.A. Kyriakidou</u> , J.-S. Choi, T.J. Toops, <u>C. Thomas</u> , A.J. Binder, J.E. Parks II, V. Schwartz, J. Chen	24 <sup>th</sup> North American Catalysis Society Meeting, Pittsburgh, USA, 14-19 Juin 2015	<i>Impact of ZrO<sub>2</sub> Supports on the Durability and Low-Temperature Performance of Pd-based Diesel Oxidation Catalysts</i>
<u>A. Hervier</u> , J. Ayari, J. Blanchard, <u>S. Boujday</u>	AFM 2015 (International Conference on Advances in Functional Materials), New York, Etats-Unis, 29 Juin - 3 Juillet 2015)	Everything but the kitchen sink: Delamination of layered silicates using a kitchen blender, a freezer, and microwave heating
M. Oschatz, <u>P. Pre</u> , S. Dorfler, W. Nickel, <u>P. Beaunier</u> , S. Kaskel	CARBON 2015, Dresden, Allemagne, 12-17 Juillet 2015	Characterization of Nanoporous Carbide-Derived Carbons by Combined Transmission Electron Microscopy, Nitrogen/Carbon Dioxide Physisorption, and Raman Spectroscopy
A. Sandoval, <u>L. Delannoy</u> , <u>C. Méthivier</u> , <u>C. Louis</u> , <u>R. Zanella</u>	Gold 2015 World Conference, Cardiff, United Kingdom, 26-29 Juillet 2015	Synergetic Effect in Bimetallic Au-Ag/TiO <sub>2</sub> Catalysts for CO Oxidation: Insights from In Situ Characterization
<u>M. Ben Haddada</u> , M. Huebner, <u>S. Casale</u> , D. Knopp, R. Niessner, M. Salmain, <u>S. Boujday</u>	Gold 2015 World Conference, Cardiff, United Kingdom, 26-29 Juillet 2015	The enhancement effect of gold nanoparticles as silicon and gold surface modifiers on Diclofenac biosensing with Quartz Crystal Microbalance
<u>H. Remita</u> , S. Ghosh, N.A. Kouame, L. Ramos, S. Remita, A. Dazzi, A. Deniset-Besseau, <u>P. Beaunier</u> , F. Goubard, P.-H. Aubert	XXIV International Materials Research Congress, Cancun, Mexique, 16-21 Août 2015	Conducting polymer nanostructures for photocatalysis under visible light
<u>N. Cam</u> , T. Georgelin, M. Jaber, J.-F. Lambert, K. Benzerara	Goldschmidt 2015, Prague, 16-21 Août 2015	In-Vitro Synthesis of Amorphous Mg-, Ca-, Sr- and Ba-Carbonates: What do We Learn About Intracellular Calcification by Cyanobacteria?
<u>A. Osypova</u> , C.-M. Pradier, C. Jerome, <u>J. Landoulsi</u> , S. Demoustier-Champagne	250 <sup>th</sup> ACS National Meeting, Boston, USA, 16 - 20 Août 2015	Design of multi-stimuli responsive films through LbL assembly for the control of protein adsorption
<u>M. Moradi</u> , F. Darvishi, C. Madzak, <u>C. Jolivald</u>	16 <sup>th</sup> International and Iranian Microbiology Congress of Microbiology, 25-27 Août 2015, Teheran	Effect of different substrates on heterologous production of a fungal laccase in a recombinant strain of Yarrowia lipolytica
<u>M. Robin</u> , J.-M. Krafft, <u>G. Costentin</u> , T. Azaïs, N. Nassif	Biomin XIII, Grenade, 16-19 Septembre. 2015	In situ and ex situ study of apatite formation in bone tissue models
<u>V. Humblot</u> , H. Cruguel, <u>C. Méthivier</u> , <u>C.-M. Pradier</u>	16 <sup>th</sup> European Conference on Applications of Surface and Interface Analysis (ECASIA '15) Granada, Spain, 28 Septembre-1 Octobre 2015	Tuning surface chirality of adsorbed Gly-Pro dipeptide/Cu(110) by changing its chemical form via electrospray deposition
<u>C. Valotteau</u> , F. Babonneau, C.-M. Pradier, <u>V. Humblot</u> , N. Baccile	16 <sup>th</sup> European Conference on Applications of Surface and Interface Analysis (ECASIA '15) Granada, Spain, 28 Septembre-1 Octobre 2015	Biocidal Properties of a Glycosylated Surface: Sophorolipids on Au(111)

<u>X. Carrier</u> , <u>C. Bara</u> , E. Devers, M. Digne, <u>A-F. Lamic-Humblot</u> , G. Pirngruber	16 <sup>th</sup> European Conference on Applications of Surface and Interface Analysis (ECASIA '15) Granada, Spain, 28 Septembre-1 Octobre 2015	Planar alumina-supported Mo hydrotreating catalysts : from the deposition of the active phase to its sulfidation
<u>C. Méthivier</u> , H. Cruguel, <u>C.-M. Pradier</u> , <u>V. Humblot</u>	Journées André Collet de la Chiralité - JACC2015 Lyon, 4-7 Octobre 2015	Unravelling surface chirality of Gly-Pro dipeptide on metallic fc(110) surfaces
<u>H. Remita</u> , S. Ghosh, N.A. Kouame, L. Ramos, S. Remita, A. Dazzi, A. Deniset-Besseau, <u>P. Beaunier</u> , F. Goubard, P.-H. Aubert	International Conference on Semiconductor Photocatalysis and Solar Energy Conversion (SPASEC-20), San Diego, USA, 16-19 Novembre 2015	Conducting Polymer Nanostructures as Promising Photocatalysts under Visible-Light
<u>C. Valotteau</u> , F. Babonneau, <u>C.-M. Pradier</u> , <u>V. Humblot</u> , N. Baccile	2015 Material Research Society Fall Meeting, Boston, Massachusetts (USA), 29 Novembre-4 Décembre 2015	Biocidal Properties of a Glycosylated Surface: Sophorolipids on Au(111)

## Communications Orales 2016

J.E. Samad, <u>C. Sayag</u> , <u>J. Blanchard</u> , <u>C. Louis</u> , <u>J.R. Regalbuto</u>	251 <sup>st</sup> ACS Meeting, San Diego, California, 13-17 Mars 2016	Rational Design and Synthesis of Pt/Silica-Alumina Metal-Acid Bifunctional Catalysts
P.I. Kyriienko, O.V. Larina, S.O. Soloviev, S.M. Orlyk, <u>S. Dzwigaj</u>	48 <sup>th</sup> Polish Conference on Catalysis, Cracovie, Pologne, Mars 2016	Production of 1,3-butadiene from renewable sources on Ta-single site zeolite catalysts
<u>J. Abi Aad</u> , M. Michau, F. Diehl, P. Courty, <u>X. Carrier</u> , E. Marceau	FCCat 1 (French Conference on Catalysis), Fréjus, France, 23 - 27 Mai 2016	Hydrothermal resistance of Al <sub>2</sub> O <sub>3</sub> -supported catalysts : transformation and identification of sensitive sites
<u>S. Petit</u> , T. Gode, C. Thomas, <u>S. Dzwigaj</u> , <u>Y. Millot</u> , D. Brouri, C. Laberty, <u>G. Costentin</u>	FCCat 1 (French Conference on Catalysis), Fréjus, France, 23 - 27 Mai 2016	Synergetic effects in hydroxyapatites modified by vanadium for selective catalysts in the oxidative dehydrogenation of propane
<u>K. Jabbour</u> , N. El Hassan, <u>A. Davidson</u> , <u>P. Massiani</u>	FCCat 1 (French Conference on Catalysis), Fréjus, France, 23 - 27 Mai 2016	Methane bireforming on active and stable ordered mesoporous Ni-Al <sub>2</sub> O <sub>3</sub>
<u>O. Ben Moussa</u> , <u>J. Blanchard</u> , O. Durupthy, <u>C. Sayag</u>	FCCat 1 (French Conference on Catalysis), Fréjus, France, 23 - 27 Mai 2016	Rational design of bifunctional catalysts: Development of PtO/zeolite-Alumina catalysts
<u>N. Balistreri</u> , <u>F. Launay</u> , <u>C. Jolivalt</u>	FCCat 1 (French Conference on Catalysis), Fréjus, France, 23 - 27 Mai 2016	Glucose oxidase / titanosilicates tandem heterogeneous catalysts for H <sub>2</sub> O <sub>2</sub> - mediated aerobic epoxidation processes
<u>X. Carrier</u>	FCCat 1 (French Conference on Catalysis), Fréjus, France, 23 - 27 Mai 2016	Model Approach for Catalyst Preparation
<u>A. Aguilar-Tapia</u> , R.Zanella, <u>L. Delannoy</u> , C. Wan Han, V. Ortalan, <u>C. Louis</u>	FCCat 1 (French Conference on Catalysis), Fréjus, France, 23 - 27 Mai 2016	Selective hydrogenation of 1,3-butadiene by bimetallic Au-Ni/TiO <sub>2</sub> catalysts
<u>S. Dzwigaj</u> , R. Baran, T. Grzybek	18 <sup>th</sup> International Zeolite Conference, Zeolites for a Sustainable World, Rio de Janeiro, Brazil, Juin 2016	A single-site manganese containing MnSiBEA zeolite as a new catalyst for the selective catalytic reduction of NO with ammonia
O. Ben Moussa, <u>J. Blanchard</u> , O. Durupthy, <u>C. Sayag</u>	18 <sup>th</sup> International Zeolite Conference, Zeolites for a Sustainable World, Rio de Janeiro, Brazil, Juin 2016	Rational design of bifunctional catalysts: Development of PtO/zeolite-Alumina nanostructured catalysts
<u>M.N. Kaydouh</u> , N. El Hassan, <u>A. Davidson</u> , <u>P. Massiani</u>	18 <sup>th</sup> International Zeolite Conference, Zeolites for a Sustainable World, Rio de Janeiro, Brazil, Juin 2016	Influence of contact time and reaction duration on carbon deposition during dry reforming of methane over Ni/SBA-15 catalysts
<u>V. Humblot</u> , N. Baccile, <u>S. Boujday</u> , Q. Xiong	NTU Singapore - UPMC-SU Paris joint workshops. Singapore (Singapore), 2-4 Juin 2016	Investigating the origins of surface antibacterial properties of grafted glycolipids: Sugar-proteins interactions
<u>P.-C. Oger</u> , A. Ladram, <u>V. Humblot</u>	5 <sup>th</sup> International Symposium on Antimicrobial Peptides (AMP 2016), Montpellier, 6-8 Juin 2016	Engineering of antimicrobial surfaces by using temporin analogues to tune the biocidal or antiadhesive effect.
<u>J. Abi Aad</u> , M. Michau, F. Diehl, P. Courty, <u>E. Marceau</u> , <u>X. Carrier</u>	NGCS 11 (The 11 <sup>th</sup> Natural Gas Conversion Symposium), Tromsø, Norvège, Juin 2016	Hydrothermal resistance of Al <sub>2</sub> O <sub>3</sub> -supported Fischer-Tropsch catalysts : mechanism of its transformation and identification of sensitive sites
<u>C. Louis</u> , <u>L. Delannoy</u> , <u>Z. Wang</u> , A. Aguilar, R. Zanella	16 <sup>th</sup> International Congress on Catalysis, Beijing, Chine, 3-8 Juillet 2016	From noble metal gold catalysts to non noble bimetallic catalysts: Effective catalysts for selective hydrogenation of 1,3-butadiene



P.R. Kelleher, <u>C. Thomas</u> , <b>G.L. Haller</b>	16th International Congress on Catalysis, Beijing, Chine, 3-8 Juillet 2016	Characterization of tungsten and zirconium decorated multi-walled carbon nanotubes catalysts by XAS and NO <sub>x</sub> -TPD
<u>S. Limam</u> , Jean-Francois Lambert, <u>T. Georgelin</u> , <u>M. Jaber</u>	8th Mid-European Clay Conference, Kosice, Pologne, 4-8 Juillet 2016	From dopamine to melanin and back: a Natural History of color change
<b>J. C. Védrine</b>	International symposium on catalytic activation and selective conversion of energy related molecules, Xiamen Chine, 10-12 Juillet 2016	Heterogeneous partial (amm)oxidation and oxidative dehydrogenation of lower alkanes on mixed metal oxides
P. Boron, <b>L. Chmielarz</b> , B. Gil, B. Marszalek, <u>S. Dzwigaj</u>	9 <sup>th</sup> International Conference on Environment Catalysis, Newcastle, Australie, Juillet 2016	The influence of iron speciation on catalytic perforce of Fe-BEA catalysts in DeNO <sub>x</sub> process - studies of the reaction mechanism
<b>R. Totani</b> , C. Méthivier, H. Cruguel, <u>C.-M. Pradier</u> , <u>V. Humblot</u>	32 <sup>nd</sup> European Conference on Surface Science (ECOSS 32), Grenoble, 28 Aout-2 Septembre 2016	Arginine and aspartic acid on Cu(110): unraveling the different adsorption mechanisms of peptides structural units
<b>R. Totani</b> , C. Méthivier, H. Cruguel, <u>C.-M. Pradier</u> , <u>V. Humblot</u>	Condensed Matter in Groningen, CMD-26, Groningen, The Netherlands, 4-9 Septembre 2016.	Adsorption mechanisms of peptide-structural units on metallic surfaces.
<b>A. Srebowata</b> , <b>R. Baran</b> , D. Lisovytskiy, G. Slowik, <u>T. Onfroy</u> , <u>S. Dzwigaj</u>	13 <sup>th</sup> Pannonian International Symposium on Catalysis, Siofok, Hongrie, Septembre 2016	Catalytic conversion of 1,2-dichloroethane on transition metals containing BEA zeolite
<b>K. A. Chalupka</b> , P. Mierczynski, M. Nowosielska, W. Maniukiewicz, T. Maniecki, J. Rynkowski, <u>S. Dzwigaj</u>	13 <sup>th</sup> Pannonian International Symposium on Catalysis, Siofok, Hongrie, Septembre 2017	The catalytic activity of dealuminated BEA zeolite modified by cobalt and iron in Fischer-Tropsch synthesis
<b>K. Barthelet</b> , D. Chiche, T. Hlayhel, <u>G. Costentin</u> , A. Baudot	2016 American Institute of Chemical Engineers (AIChE) meeting, San Fransisco, USA - 13-18 November 2016	Study of COS Removal from Gases on Doped or Undoped Aluminas
<b>G.L. Haller</b> , P.R. Kelleher, <u>C. Thomas</u>	2016 American Institute of Chemical Engineers (AIChE) meeting, San Fransisco, USA - 13-18 November 2016	Characterization of Tungsten and Zirconium Decorated Multi-Walled Carbon Nanotubes Catalysts By XAS and NO <sub>x</sub> -Temperature Programmed Desorption

## Communications Orales 2017

P.I. Kyriienko, O.V. Larina, S.O. Soloviev, S.M. Orlyk, <u>C. Calers</u> , <b>S. Dzwigaj</b>	49 <sup>th</sup> Polish Confer. on Catalysis, Cracovie, Pologne, Mars 2017	Ethanol Conversion into 1,3-Butadiene by Lebedev Method over MTaSiBEA Zeolites (M = Ag, Cu, Zn)
<b>K. A. Chalupka</b> , P. Mierczynski, M. Nowosielska, W. Maniukiewicz, T. Maniecki, J. Rynkowski, <u>S. Dzwigaj</u>	49 <sup>th</sup> Polish Confer. on Catalysis, Cracovie, Pologne, Mars 2018	The selling points of bimetallic FeCoSiBEA zeolite systems as novel active catalysts for Fischer-Tropsch synthesis
<b>H. Bouloussa</b> , A. Saleh-Mghir, <u>C. Valotteau</u> , C. Court, A.-C. Crémieux, <u>V. Humblot</u> .	27 <sup>th</sup> European Congress of Clinical Microbiology and Infectious Diseases Vienna, Autriche, 22-25 Avril 2017	Comparative Description of In Vitro and In Vivo MRSA Biofilms on Titanium Surfaces: Why Animal Models Still Matter
<b>H. Bouloussa</b> , A. Saleh-Mghir, <u>C. Valotteau</u> , C. Court, A.-C. Crémieux, <u>V. Humblot</u> .	27 <sup>th</sup> European Congress of Clinical Microbiology and Infectious Diseases Vienna, Autriche, 22-25 Avril 2017	Further evidence on the bacterial-killing mechanism and biofilm inhibition of high-density cationic surfaces
<b>O. Daoura</b> , <b>P. Massiani</b> , N. El Hassan, <b>F. Launay</b> , M. Boutros	1st International Conference on Energy, Power, Petroleum and Petrochemical Engineering (E3PE 2017), Beyrouth, Liban, 26-28 Avril 2017	Influence of synthesis parameters of mesocellular silica foams doped by nickel on methane reforming by CO <sub>2</sub>
<b>R. Baran</b> , P. Glatzel, <u>S. Dzwigaj</u>	8 <sup>th</sup> International Symposium on Acid-Base Catalysis, Rio de Janeiro, Brazil, 7-10 Mai 2017	X-ray absorption and emission study on environment and electronic structure of manganese species in MnSiBEA zeolite and their role in NH <sub>3</sub> -SCR of NO
<b>J.C. Védrine</b>	8 <sup>th</sup> International Symposium on Acid-Base Catalysis, Rio de Janeiro, Brazil, 7-10 Mai 2017	Up to date views on the relationships between acid base features of heterogeneous catalysts and catalytic properties
<b>T. Tesnim</b> , <b>L Delannoy</b> , <b>C. Louis</b> , <b>S. Casale</b> , <b>G. Costentin</b> , Z. Li, R. Chantry, <b>C. Thomas</b>	25 <sup>th</sup> North American Catalysis Society Meeting, Denver, USA, 4-9 Juin 2017	Explaining the Increase in H <sub>2</sub> -assisted C <sub>3</sub> H <sub>6</sub> -SCR Activity as the Ag loading on Al <sub>2</sub> O <sub>3</sub> . decreases via NO <sub>x</sub> -TPD-Kinetik Correlations

<u>M. Ben Osman</u> , <u>J. M. Krafft</u> , <u>Y. Millot</u> , <u>C. Thomas</u> , <u>C. Methivier</u> , <u>T. Yoshioka</u> , <u>J. Kubo</u> , <u>G. Costentin</u>	25 <sup>th</sup> North American Catalysis Society Meeting, Denver, USA, 4-9 Juin 2017	Identification of the active sites of hydroxyapatite involved in the n-butanol formation from ethanol.
<u>T. Chaieb</u> , <u>L. Delannoy</u> , <u>G. Costentin</u> , <u>C. Louis</u> , <u>S. Casale</u> , <u>R.L. Chantry</u> , <u>Z.Y. Li</u> , <u>C. Thomas</u>	25 <sup>th</sup> North American Catalysis Society Meeting, Denver, USA, 4-9 Juin 2017	Explaining the Increase in H <sub>2</sub> -Assisted C <sub>3</sub> H <sub>6</sub> -SCR Activity as the Ag Loading on Al <sub>2</sub> O <sub>3</sub> Decreases via NO <sub>x</sub> -TPD - Kinetic Correlations
<u>S. Dzwigaj</u> , <u>L. Valentin</u> , <u>R. Baran</u>	25 <sup>th</sup> North American Catalysis Society Meeting, Denver, USA, 4-9 Juin 2017	Spectroscopic and catalytic investigations on the role of isolated Mn species present in Mn-BEA zeolite in NH <sub>3</sub> -SCR of NO process
<u>P.R. Kelleher</u> , <u>C. Thomas</u> , <u>H. Shi</u> , <u>L. Kovaric</u> , <u>G.L. Haller</u>	25 <sup>th</sup> North American Catalysis Society Meeting, Denver, USA, 4-9 Juin 2017	Activity and Stability of WO <sub>x</sub> -ZrO <sub>2</sub> /MWCNT for Cyclohexanol Dehydration in Liquid Water
<u>M.N. Kaydouh</u> , <u>O. Daoura</u> , <u>L. Karam</u> , <u>J. Reboul</u> , <u>P. Massiani</u> , <u>M. Boutros</u> , <u>F. Launay</u> , <u>N. El Hassan</u>	7 <sup>th</sup> Federation of European Zeolite Associations (FEZA) Conference, Sofia, Bulgarie, 3-7 Juillet 2017)	Nickel Confinement in Organised porous silica supports for active and stable methane reforming catalysts