## Séminaires 2012 -> 2017

| Date | Prénom | Nom | Rattachement | Sujet du Séminaire |
|---|---|---|---|---|
| 07/09/2012 | Masaru | Ogura | Institute of Industrial Science, The University of Tokyo | *Ceramics-coated Mesoporous Silica as a Support of Three-way Catalyst Having a much less Amount of Pt* |
| 08/10/2012 | Jeff | Miller | Heterogeneous Catalysis Group, Argonne National Lab | *X-Ray Spectroscopy in Catalysis Research:Application to Au Catalysts* |
| 15/10/2012 | Jeff | Miller | Heterogeneous Catalysis Group, Argonne National Lab | *Determination of CO, H2 and H2O Coverage by XANES on Pt and Au During Water Gas Shift Reaction: Experiment and DFT Modeling* |
| 22/10/2012 | Jeff | Miller | Heterogeneous Catalysis Group, Argonne National Lab | *A General Method for Determination of the Surface Composition in Bimetallic Nanoparticle Catalysts from the L-edge X-ray Absorption Near-Edge Spectra* |
| 26/11/2012 | Marc | Lamy de la Chapelle | Laboratoire Chimie, Structures, Propriétés de Biomatériaux et d'Agents Thérapeutiques Université Paris 13 | *Optical properties of gold nanoantenna: application to the development of a nanosensor* |
| 25/02/2013 | Gonzalo | Prieto | Department of Inorganic Chemistry and Catalysis, Debye Institute of Nanomaterials Science, University of Utrecht | *Quantifying and controlling the nanospatial distribution of supported nanoparticles to synthesize more stable catalysts* |
| 11/03/2013 | Frédéric | Guittard | Laboratoire Physique de la Matière Condensée, Université Côte d'Azur, Nice | *Micro-nanostructuration to build-up biomimetic superhydrophobic surfaces* |
| 25/03/2013 | K. François | Aguey-Zinsou | MERLin Group, School of Chemical Engineering, University of New South Wales, Sydney, Australia | *Controlled nanoarchitectures for the effective storage of hydrogen* |
| 08/04/2013 | Paul | Bagot | Department of Materials, Oxford University, United Kingdom | *Investigating catalyst chemistry at the atomic-scale: atom probe tomography studies on Pt-group alloy surfaces and core-shell nanoparticles* |
| 10/06/2013 | Gianmario | Martra | Département de Chimie, Università degli Studi, Turin | *Hybrid dye-silica photoluminescent nanoparticles: towards the molecular engineering of an emerging tool in nanobiotechnology* |
| 21/06/2013 | Gianmario | Martra | Département de Chimie, Università degli Studi, Turin | *Structure of proteins adsorbed on nanoparticles: facing a challenging task by using complementary spectroscopie* |

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| 28/06/2013 | Gianmario | Martra | Département de Chimie, Università degli Studi, Turin | *Hydroxyapatite and TiO2 nanoparticles: an experimental and theoretical synergic approach for surface structure recognition and physico-chemical understandin* |
| 11/06/2013 | Alexis | Templeton | Department of Geological Sciences University of Colorado, Boulder, USA | *Interfacial X-ray spectroscopic approaches sensitive to dissolution, precipitation, oxidation and biomineralization processes at mineral surfaces* |
| 18/06/2013 | Petra | de Jongh | Department of Inorganic Chemistry and Catalysis, Debye Institute of Nanomaterials Science, University of Utrecht | *Quantitive assessment of the structural properties of mesoporous materials by electron tomography and thermoporometry* |
| 24/06/2013 | Petra | de Jongh | Department of Inorganic Chemistry and Catalysis, Debye Institute of Nanomaterials Science, University of Utrecht | *The preparation of supported transition metal catalysts: how to influence size, shape, and spatial distribution of the metal nanoparticle* |
| 09/07/2013 | Petra | de Jongh | Department of Inorganic Chemistry and Catalysis, Debye Institute of Nanomaterials Science, University of Utrecht | *Nanopore-confined matter: towards stable energy storage and catalytics materials* |
| 03/07/2013 | Floryan | Decampo | Directeur français du laboratoire E2P2 à Shanghai | *Eco-Efficient Products and Processes - E2P2* |
| 12/09/2013 | Journée Michel Che | | | |
| | Achim | Müller | Universität Bielefeld, Fakultät für Chemie, Bielefeld, Allemagne | *Inorganic Cells/Nanocapsules: Reactions Inside and with their Environment* |
| | Jacques | Livage | Laboratoire de Chimie de la Matière Condensée, UPMC, Paris | *Les matériaux bio-inspirés* |
| | John Meurig | Thomas | Université de Cambridge | *The Notion and Importance of Single-Site Heterogeneous Catalysts* |
| 16/09/2013 | Sandrine | Dutheil | Satt Lutech | *Activités de la Satt Lutech* |
| 23/09/2013 | Takashi | Toyao | Department of Applied Chemistry, Graduate School of Engineering, Osaka Prefecture University, Japan | *Introduction to Metal-Organic Frameworks and Porous Coordination Polymers* |
| 25/09/2013 | Aleksandr | Simonian | Samuel Ginn College of Engineering, Auburn University, USA | *"Multifunctional interfaces for biosensing applications"* |
| 30/09/2013 | Fabrice | Diehl | Institut Français du Pétrole - Energies Nouvelles, Solaize | *“Défis actuels en synthèse Fischer-Tropsch basse température”* |
| 21/10/2013 | Slavica | Stankic | Institut des Nanosciences de Paris, Equipe “Oxydes en basse dimension”, UPMC | *Pure and mixed metal oxide nanoparticles obtained via gas-phase reactions* |
| 09/12/2013 | Robert | Marks | Department of Biotechnology Engineering Ben-Gurion University, Beer-Sheva, Israël | *Peregrination across continents developing tools in medical diagnostics, to monitor the environment and water management* |
| 20/01/2014 | Maria | Elena Galvez | Institue of Energy Technology, ETH-Zurich, Suisse | *"Chimie aux interfaces gaz-solide-liquide: Catalyse assistée par cavitation pour l'intensification des procédés. Traitement de l'eau, valorisation des coupes pétrolières et de la biomasse"* |

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| 28/01/2014 | John | Sutherland | MRC Laboratory of Molecular Biology, Cambridge United Kingdom | *"Origins of Life Systems Chemistry"* |
| 03/03/2014 | Isabelle | Lisiecki | Laboratoire MONARIS, UPMC | *"Effets de la nanocristallinité et de l'organisation mésoscopique de particules de cobalt sur les propriétés physico-chimiques"* |
| 17/03/2014 | Reinhard | Niessner | Institute of Hydrochemistry, Chair of Analytical Chemistry, Technische Universität München | *New Tools (Needed) for Monitoring of Water Quality* |
| 13/10/2014 | Maria | Flytzani-Stephanopoulos | School of Engineering, Department of Chemical and Biological Engineering, Tufts University, USA | *Atomically-stabilized M-(OH)x O- species on various supports for low-temperature water-gas shift reactions* |
| 20/10/2014 | Maria | Flytzani-Stephanopoulos | School of Engineering, Department of Chemical and Biological Engineering, Tufts University, USA | *Design of highly active gold catalysts for the partial oxidation and steam reforming of methanol* |
| 03/11/2014 | Maria | Flytzani-Stephanopoulos | School of Engineering, Department of Chemical and Biological Engineering, Tufts University, USA | *Selective hydrogenation reactions on single atom alloys* |
| 16/03/2015 | Christophe | Len | Université Technologique de Compiègne, équipe "Transformations Chimiques de la Matière Renouvelable" | *Application de techniques alternatives en synthèse organique* |
| 30/03/2015 | Hélène | Olivier-Boubigou | Institut Français du Pétrole - Energies Nouvelles, Solaize | *liquides ioniques et pré-traitement de la biomasse ainsi que les challenges associés* |
| 11/05/2015 | Vladimir | Hlady | Department of Bioengineering, University of Utah, USA | *Engineering interfaces for biomedical applications* |
| 18/05/2015 | Yoji | Kobayashi | Department of Energy and Hydrocarbon Chemistry, Kyoto University, Japon | *Ammonia synthesis from the oxyhydride BaTiO3-xHx* |
| 01/06/2015 | Francis | Luck | Société Total | *Synthèse Fischer-Tropsch sur un matériau à base de beta-SiC* |
| 03/07/2015 | Laura | Prati | Dipartimento di Chimica, Università degli Studi di Milano, Italie | *Metal nanoparticles as a versatile tool for catalytic and non-catalytic* |
| 15/07/2015 | Laura | Prati | Dipartimento di Chimica, Università degli Studi di Milano, Italie | *First generation biomass valorisation: the case of glycerol* |
| 17/07/2015 | Laura | Prati | Dipartimento di Chimica, Università degli Studi di Milano, Italie | *Second generation biomass valorisation:cellulose transformations* |
| 14/09/2015 | Sophie | Lecomte | Institut de Chimie et de Biologie des membranes et des nano-objets de l'Université de Bordeaux | *Spectroscopies vibrationnelles: outils performants pour études de biomolécules et le couplage à des techniques électrochimiques* |
| 30/10/2015 | Miroslaw | Derewinski | Pacific Northwest National Laboratory, Richland, USA | *Zeolite based hierarchical porous materials* |
| 18/01/2016 | Christian | Serres | Institut Lavoisier, Université de Versailles-St-Quentin | *Vers un design de MOFs robustes pour la catalyse* |

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| 27/01/2016 | Lionel | Bonneau | Directeur R&D, Société Baikowski, Annecy | *Les produits de la gamme Baikowski et les attentes pour la catalyse* |
| 14/03/2016 | Jean-Louis | Hazemann | Département "Physique, Lumière, Matière", Institut Néel, Grenoble | *"Un nouvel outil national adapté aux problématiques des sciences chimiques: La Spectroscopie d'absorption X haute résolution par spectromètre analyseur".* |
| 04/04/2016 | Ilenia | Rossetti | Dipartimento di Chimica, Università degli Studi di Milano, Italie | *Demonstrative unit testing, process simulation and optimisation of H2 production from bioethanol and its use in fuel cells* |
| 06/06/2016 | Ilenia | Rossetti | Dipartimento di Chimica, Università degli Studi di Milano, Italie | *Innovative and durable catalysts for H2 and ethylene production from bioethanol* |
| 11/05/2016 | Rafael | Luque | Departamento de Quimica Organica, Université de Cordoue, Espagne | *Benign-by-design methodologies for a more sustainable future: from nanomaterials to biomass/waste valorisation* |
| 06/06/2016 | Bénédicte | Prelot | Institut Charles Gerhardt, équipe "Agrégats, Interfaces et Matériaux pour l'Energie", Université de Montpellier | *Thermodynamique de l'adsorption dans les systèmes nanostructurés. Apports des approches calorimétriques* |
| 15/09/2016 | Fariborz | Taghipour | Department of Chemical and Biological Engineering, University of British Columbia, Vancouver, Canada | *Development of solar-activated photocatalysts for hydrogen fuel generation* |
| 26/09/2016 | Fariborz | Taghipour | Department of Chemical and Biological Engineering, University of British Columbia, Vancouver, Canada | *UV photo-reactors : from modeling & design to industrial application* |
| 03/10/2016 | Maria Victoria | Navarro | "Environmental Research Group", Institute of Carboquimica, Saragosse, Espagne | *Catalysts for Sorption Enhanced Steam-Methane Reforming coupled to Ca/Cu looping process.* |
| 14/11/2017 | Benoît | Louis | Laboratoire de Synthèse Réactivité Organiques et Catalyse, Institut de Chimie, Université de Strasbourg | *Zéolithes : les chimères de la catalyse* |
| 16/01/2017 | Jean-François | Hochepied | ENSTA ParisTech, Unité Chimie et Procédés, Paris | *(Co)précipitation d'oxydes métalliques en solution aqueuse, contrôle des caractéristiques des particules par les paramètres physico-chimiques et du procédé.* |
| 30/01/2017 | Caroline | Mellot | Laboratoire de Chimie des Processus Biologiques, Collège de France, Paris | *Towards fonctionalized metal-organic frameworks for catalysis: examples of combined simulation and experimental approaches* |
| 22/05/2017 | Helena | Kaper | Ceramic Synthesis and Functionalization Laboratory, Unité mixte Saint-Gobain, Cavaillon | *Oxygen conductors in catalysis – from high to low temperature application* |