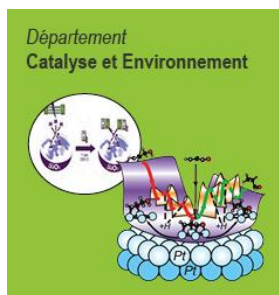




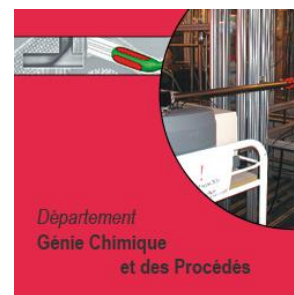
Programme de la Journée Thématique ICL
“Activation et valorisation de petites molécules”



30 novembre 2016



Départements “Catalyse et Environnement”
&
“Génie Chimique et des procédés”



- 9^h30-9^h50 Accueil des participants
- 9^h50-10^h00 Ouverture de la journée
- 10^h00-10^h45 Alessandro Trovarelli (Universita di Udine, Italy)
Ceria Catalysts@ Nanoscale
- 10^h45-11^h05 Andrés Felipe Sierra Salazar (ICGM, Montpellier)
Direct synthesis of hydrogen peroxide from oxygen and hydrogen using hierarchically porous Pd/SiO₂ catalysts
- 11^h05-11^h25 : Basile Galey (IRCELYON, Lyon)
Enhanced hydrogen storage properties in MgH₂: influence of nanostructuring and additives
- 11^h25-11^h50 Pause Café
- 11^h50-12^h10 David Laprune (IRCELYON, Lyon)
Steam reforming of methane on encapsulated Ni catalysts: structure-activity relationships and effects of tars and H₂S
- 12^h10-12^h30 Alexander Sorokin (IRCELYON, Lyon)
High-valent diiron oxo species: key intermediates for oxidation of methane under

near-ambient conditions

- 12^h30-11^h50 Carine Michel (LC-ENS Lyon, Lyon)
Iron-Oxo Catalysts for CH Bond Cleavage : insights from modelin
- 12^h50-14^h10 **Repas – Buffet**
- 14^h10-14^h30 Biwen Zhu (ICBMS, Lyon)
Valorisation of dihydroxyacetone (DHA) to surfactants through aldolisation
- 14^h30-14^h50 Lorraine Christ (IRCELYON, Lyon)
Valorisation of CO₂ into cyclic carbonates catalysed by nitrogenized Schiff base complexes
- 14^h50-15^h10 Stephan Steinmann (LC-ENS Lyon, Lyon)
Coupling CO₂ to Alkenes by Electrocatalysis: Insights from First-principles Modelling
- 15^h10-15^h30 Thierry Epicier (MATEIS, Lyon)
Towards Operando TEM Study of NanoCatalysts down to the Atomic Level
- 15^h30-16^h15 Nicolas Mezailles (LHFA, Université Paule Sabatier, Toulouse)
Stoichiometric and catalytic N₂ reduction processes into silylamines
- 16^h15 **Conclusion et discussions - Pause Café**