

**Programme scientifique des 6^{èmes} Journées Franco-Italiennes de Chimie
Programma scientifico delle VI^e Giornate Italo-Francesi di Chimica**

Université d'Aix-Marseille, Campus St Charles
(Amphithéâtre des Sciences Naturelles)

Lundi 16 avril 2012 / Lunedì 16 aprile 2012

8h30 Accueil des participants / Accoglienza dei partecipanti

9h15 Ouverture /Apertura

9h30 Didier GIGMES (PL1)

Nitroxide Mediated Polymerization: From Alkoxyamines to Advanced Polymer Materials

10h15 Fabio MORANA (COM1)

Organocatalytic Asymmetric Synthesis of β -Aryl- β -isocyanoesters

10h30 Daniela PINGRET (COM2)

Compréhension de la dégradation des huiles végétales traitées aux ultrasons

10h45 Jonathan MARTINELLI (COM3)

Redox Sensitive Dendrimeric BetaCD/Gd Chelates supramolecular adducts

**11h00-11h30 Pause café – Session affiches / Pausa caffè – Sessione poster
(Salle de conférences)**

11h30 Davide VIONE (INV1)

Photochemical Processes in Surface Waters

12h00 Gilles LEMIERE (COM4)

Bi(OTf)₃-Catalyzed Hydroarylation of Allenes and Dienes

12h15 Anna PIATEK (COM5)

High-performance liquid chromatography determination of (R)-3-hydroxybutyric acid in human plasma

12h30 Didier DEVAUX (COM6)

Effect of the architecture of PEO based polymer electrolytes on their ionic conductivities

12h45 Fabrizio SORDELLO (COM7)

Photocatalytic hydrogen production on Pt-loaded TiO₂ inverse opals

13h00-14h30 Buffet – Session affiches / Pranzo – Sessione poster (Salle de conférences)

14h30 Adriana SACCONI (PL2)

Rare Earths and their Recycling for Energy and Environmental Sustainability

15h15 Fabien RODIER (COM8)

Diastereoselective Access to Spirolactones *via* Rh-Mediated [5+2]-Cycloaddition Reactions. En route to the AC core of Micrandilactone C

15h30 Valentina AINA (COM9)

Novel smart biomaterials for dental and orthopaedic applications: bioactive glasses containing metal nano-particles (NPs) conjugated with molecules of biological interest.

15h45 Laurence CHARLES (COM10)

Ion mobility mass spectrometry: a powerful tool to evidence shape variation of dendrimers upon multiple protonation

16h00 Lisa MONI (COM11)

Synthesis and Biological Evaluation of β -Amyloid and Tau Protein Aggregation Inhibitors for Alzheimer's Disease

16h15 Marlène LEJARS (COM12)

Grafted copolymers based on polydimethylsiloxane and poly(*tert*-butyldimethylsilyl methacrylate) synthesized by the RAFT process: a new class of binders for FRC/SPC hybrid antifouling coatings

16h30-17h00 Pause café – Session affiches / Pausa caffè – Sessione poster (Salle de conférences)

17h00 Sylvain ANTONIOTTI (INV2)

Catalyse, biocatalyse et synthons bio-sourcés

17h30 Yuriy SAKHNO (COM13)

Towards a “surface science model for biology”: glycine adsorption on nanohydroxyapatite with well defined surfaces

17h45 Monika SKROBANSKA (COM14)

Phase formation during mechanical alloying of Mg–Ti–Si powders

18h00-18h45 Remise du Prix du Doctorant SCF-PACA et du Prix CDP Innovation 2012 / Premio del Dottorando SCF-PACA e Premio CDP Innovation 2012

18h05 Julien MAURY (COM15)

Aminomethylation of Michael Acceptors: Complementary Radical and Polar Approaches Mediated by Dialkylzincs

18h25 Manjunatha REDDY (COM16)

NMR Methods and Applications for the Study of Complex Mixtures

Mardi 17 avril 2012 – Martedì 17 aprile 2012

9h00 Guido VISCARDI (PLE3)

Dye Sensitized Solar Cells: Fundamentals and Perspectives

9h45 Hamid MARZAG (COM17)

Efficient Synthesis of Aryl C-nucleosides through Friedel-Crafts reaction. Post Synthetic Transformations

10h00 Luca BONO (COM18)

On Line SPE - LC-MS/MS Quantification of Triazine Pesticides in Water

10h15 Gilles QUELEVER (COM19)

Novel and efficient synthesis of poly(amino)ester dendrimers

10h30-11h00 Pause café - Session affiches / Pausa caffè – Sessione poster (Salle de conférences)

11h00-11h30 Cédric GARNIER (INV3)

Transfert et spéciation des éléments traces métalliques en zone côtière: approche analytique et modélisation

11h30 Gaia FENOGLIO (COM20)

Non invasive analysis of manuscript covers: portable X-ray Fluorescence enlightening medieval jewellery masterpieces

11h45 Paul BREMOND (COM21)

Chemically Triggered C–ON Bond Homolysis of Alkoxyamines. Quaternization of the Alkyl Fragment

12h00 Stefania ZAPPÀ (COM22)

Synthesis and characterization of novel highly photoresponsive nanosensors

12h15 Wilfried RAIMONDI (COM23)

1,2-dicarbonyl compounds as pro-nucleophiles in asymmetric transformations

12h30-14h00 Buffet - Session affiches / Pranzo - Sessione poster (Salle de conférences)

14h00 Remise du Grand Prix de la SCF-PACA 2012 / Grande Premio SCF-PACA 2012

Maurice SANTELLI: Tédicyp, a new ligand for palladium (PL4)

14h45 Valentina PIRRO (COM24)

Multivariate Strategies for Screening Evaluation of Chronic Alcohol Abuse

15h00 Mattia LUCCHINI (COM25)

Biochemical sensors based on magnetic nanoparticles

15h15 Cinzia PASSINI (COM26)
Imprinted Thin Layers for Capillary Electrophoresis

**15h30-16h00 Pause café – Session affiches / Pausa caffè – Sessione poster
(Salle de conférences)**

16h00 Chiara BRULLO (INV4)
**Synthesis and Biological Evaluation of New Small Molecules as Multiple Target
Inhibitors in the Chemotaxis Process**

16h30 Nicolas BALDOVINI (COM27)
The diketonic constituents of *Helichrysum italicum*

16h45 Marta GIORGIS (COM28)
Carnosine analogues containing Phenol substructures

17h00 Ahlem BOUHLEL (COM29)
Access to original spirocyclic derivatives *via* inter- or intramolecular reaction mediated by
manganese(III) acetate

17h15 Florence VACANDIO (COM30)
Synthesis and characterization of zirconia nanotubes by electrochemical anodisation of
sputtered zirconium thin films

**17h30 Clôture des 6^{èmes} Journées Franco-italiennes de Chimie – Chiusura
delle VI^e Giornate Italo-Francesi di Chimica**