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Venue

Aula Magna
Ca' Dolfin, Dorsoduro 3825/D, 30123 Venezia
and Scientific Campus, via Torino 155, Mestre-Ve



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Joint Doctoral Program in Chemistry

II Winter School

Ca Catalysis	Mentoring for Chemists Bringing Excellence to grow Excellence				He Heritage
Co Computational	B Bio	C Ca' Foscari	P PhD	O Organic	
W Winter School	Se Sensors	In Innovation	U UniTs	Md 150 MENDELEEV	

February 14th and 15th 2019

Aula Magna Ca' Dolfin
& Scientific Campus
Università Ca' Foscari Venezia

**MENTORING FOR CHEMISTS:
BRINGING EXCELLENCE TO GROW EXCELLENCE**

Thursday February 14th 2019

Aula Magna Ca' Dolfin, Dorsoduro 3825/D, Venezia

11:00 **Welcome opening**

11.15 - 12.00 **Conference**

Prof. Christoph Schalley
Freie Universität Berlin

Systems Chemistry: Chemical Complexity far from Equilibrium

12.00 - 12.45 **Conference**

Prof. Bruno Chaudret

Institut National des Sciences Appliquées, Toulouse

Organometallic Nanoparticles for Magnetically Induced Catalysis

13.00 **Lunch**

14.30 - 15.45 **Conference**

Prof. Gianluca Sbardella
University of Salerno

Sympathy for the methyl: a library-on-library screening approach to identify small-molecule ligands of methyl-lysine reader proteins

15.45 - 16.30 **Conference**

Prof. Ilenia Rossetti
University of Milano

The long way to catalyst formulation through process design: the case of hydrogen production from renewable sources

16.30 - 17.00 **Coffee break**

17.00 - 17.45 **Conference**

Prof. Alexander Kuhn
Université de Bordeaux

Unusual approaches for symmetry breaking in physico-chemical systems

18.00 **Concluding remarks**

Friday February 15th 2019

Scientific Campus Via Torino 155 Venezia Mestre

9.30 **Working Groups**

1. Room Delta, Delta 0B, Delta Building

Chemistry in solution: structure and reactivity

Supramolecular chemistry & Homogeneous catalysis

- Prof. Christoph Schalley

2. Meeting Room Zeta Building

Nanostructured materials, Nanochemistry & Nanomaterials: nanoparticles and nanotubes

- Prof. Bruno Chaudret

3. Room Delta 2B, Delta Building

Chemistry of cells

Biological chemistry & Pharmacology: pharmacogenomics, drugs discovery and design, drug therapy

- Prof. Gianluca Sbardella;

4. Acquario 4/1 Alfa Building

Heterogeneous catalysis and modelling. Theoretical and computational chemistry & Heterogeneous catalysis

- Prof. Ilenia Rossetti

5. Room Acquario 5/1 Alfa Building

Analytical Chemistry and heritage conservation

Analytical chemistry & Cultural heritage and cultural memory

- Prof. Alexander Kuhn

13:00 Lunch

Alfa Building Hall

Christoph Schalley

After his habilitation at the Kekulé institute of organic chemistry and biochemistry of the University of Bonn, he was appointed as professor of organic chemistry at Free University Berlin in 2005. Meanwhile, the Schalley group's research topics have diversified and comprise supramolecular chemistry in the gas phase as well as in solution and at interfaces. Christoph Schalley has been awarded the Herzog-Mattauch prize of the German Mass Spectrometry Society in 2008 and has been selected Fellow of the Royal Society of Chemistry in 2016.



Bruno Chaudret

Bruno Chaudret is a specialist of organometallic and "nano" chemistry. He developed in the early 80s the synthesis of hydride and dihydrogen complexes and investigated by NMR their exchange processes which follow classical or quantum-mechanical pathways. In the early 90s, Bruno Chaudret developed an organometallic method for the synthesis of metal or metal oxide nanoparticles. These new nano-objects display interesting properties in various domains such as catalysis, magnetism, optics, micro- and nanoelectronics and have led to several applications in micro-electronics including the industrial production of gas sensors.



Gianluca Sbardella

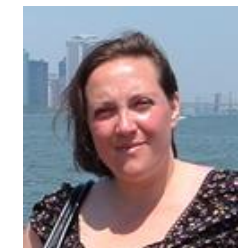
Is Full Professor at the University of Salerno.

The expertise of Prof. Sbardella regards most aspects of epigenetic drug discovery, spanning synthetic strategies, medicinal chemistry, chemical biology, biophysical techniques. He is the Head of the Epigenetic Med Chem Lab (EMCL), a multi-disciplinary research team whose mission is the study of protein targets responsible (directly or indirectly) of epigenetic modifications (or of proteins regulated by epigenetic processes).



Ilenia Rossetti is Associate Professor of

Chemical Industrial Plants at the Dept. of Chemistry of the University of Milano. She has been responsible of research contracts on behalf of important industries, such as ENI, Itelcond, Garo, ACS Dobfar, Larioreti, BASF, Clariant, SAES GETTERS, Pirelli Labs, Petrochem and Italcon. Her research interests are mainly focused on the design of chemical plants, reactors and heterogeneous catalytic and photocatalytic processes. The results of her activity have been summarised in 21 chapters in books or invited reviews, 120 papers on international journals with high impact factor. She is co-author of the book "Fenomeni di trasporto", printed in 2009 Ed. Cortina



Alexander Kuhn Alexander Kuhn is Full Professor at the Ecole Nationale Supérieure de Chimie, de Biologie et de Physique, University Bordeaux, France. He has been awarded an ERC Advanced Grant (2017-2022) for the project "ELECTRA". He is member of the editorial advisory board of different journals:

Bioelectrochemistry (2007-), Electroanalysis (2012-), ChemPhysChem (2015-), Sci.Rep. (2015-), ChemElectroChem (2018-). Main research interest: modified electrodes with a special focus on applications in electroanalysis, bioelectrochemistry and electrocatalysis; nanomaterials; micro- and nanomotors; Janus particles; bipolar electrochemistry, chirality.

