



## The 4<sup>th</sup> edition of the Mediterranean Young Researcher Days (JMJC)

**Subscription and registration will be closed soon!**

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**October 13-14, 2016**

**Nice - France**

Due to the success of the 3<sup>rd</sup> edition of Mediterranean Young Researcher Days (JMJC), the French Young Chemists' Network (RJ-SCF) is pleased to announce the 4<sup>th</sup> edition of this congress. It will be held from October the 13<sup>th</sup> to the 14<sup>th</sup> of 2016 at the Castle of the Science Faculty of Nice, France.

We look forward to meeting you soon!

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### OUR SPEAKERS

#### Plenary conferences

##### **Prof. Dr. Stéphane Quideau**

*Synthesis & Activity of Natural Substances - Univ. Bordeaux - Institut des Sciences Moléculaires - France*

Our research activities are today mainly concerned with (A) the chemistry of hypervalent iodine compounds as novel reagents for modern metal-free organic synthesis, and (B) the chemistry and chemical biology of natural products with a focus on plant (poly)phenolic compounds. Ongoing projects are dealing with (1) the exploitation of regioselective and asymmetric oxygenative phenol dearomatization reactions in the total synthesis of natural products, in concert with the development of novel chiral hypervalent iodine reagents for asymmetric oxygen-transfer and carbon-carbon coupling reactions, (2) the study of the chemical reactivity and synthesis of bioactive plant polyphenols, such as grape flavanoids, oak C-glucosidic ellagitannins and gallotannins, and (3) the development



of biophysico-chemical analytical tools for the study of polyphenol-proteins interactions.

### **Prof. Dr. Georg Pohnert**

*Institute for Inorganic and Analytical Chemistry - Faculty for Chemistry and Earth Sciences - Friedrich-Schiller-University Jena - Germany*

Our group elucidates new chemical defence- and communication strategies of marine and freshwater organisms using the tools of modern bioorganic chemistry. The work aims to understand the role of secondary metabolites as mediators of ecological interactions. Isolation, structure elucidation and organic synthesis of natural products are important aspects of our work, but we believe that the full picture of the role of the compounds can only be obtained if metabolomics, biochemistry and ecology are brought in as well. Our interdisciplinary work gives new insights into the chemically mediated species interactions and the function of natural products.



### **Prof. Dr. Ian Manners**

*Macromolecular and Materials Chemistry - School of Chemistry - University of Bristol - UK*

Our research focuses on the development of new synthetic approaches involving ring-opening reactions, catalysis, and self-assembly and their applications in molecular chemistry, polymer and materials science, and nanoscience with a particular (but not exclusive) emphasis on exploiting the interesting features of main group and transition elements.

Our current research involves three synthetic approaches and each generates a range of exciting projects and new molecules and materials of fundamental and, in many cases, also of applied interest.

- 1) Ring-opening reactions.
- 2) Catalysis.
- 3) Self-assembly.



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## **Schedule**



Academic and Industrial  
Conferences

Oral communications



Poster session



Round table

## **Hosts and Partners**



Nice!



JMJC 2016