

Preface

On behalf of the Organizing Committee, we welcome you to the “French-Chinese conference on Green Chemistry, a better chemistry for a better life”, FC2GChem 2014.

Organized under the auspices of the French and the Chinese Academies of Sciences, this FC2GChem conference gathers more than 100 Chinese and French scientists both from industry and academia in an interdisciplinary environment involving, organic, catalysis, materials, process and theoretical chemists, as well as some eminent professors from other countries. The conference is honored by the presence of several members of two academies.

Chemistry intervenes in all the manufactured goods, products and materials of the everyday life and in the most important fields of our society: energy, construction, transportation, foods, hygiene, health, etc. In the frame of a sustainable development respectful of the environment, such an omnipresence of chemistry in the modern life prompts us to minimizing pollution and hazard of the chemical processes. This is the goal of Green Chemistry that looks for innovative chemical processes and products which show lower impact, notably with respect to users and manufacturers safety, life cycle and low toxicity, natural resources preservation, low greenhouse gas emissions. Indeed, green chemistry is a way to a safer, healthier and more comfortable life for all, which necessitate considerable scientific and technologic efforts. The goal of the conference is to catalyze such an effort among French and Chinese researchers.

This conference is the first of a new series of events, combining two former series of meetings (Sino-French Conference on Green Chemistry and the Better Chemistry for better life), which took place in the recent years in Shanghai, Guangzhou and Lyon. It is organized in the frame of the Joint Research Institute for Science and Society (JORISS), an international research and development platform sponsored by ECNU, ENS Lyon, CNRS, University of Lyon and the Rhône-Alpes Region. The conference is also organized with the support of the Huazhong University of Science and Technology (HUST) in Wuhan. It also benefits from the support of the French Ministry of Foreign Affairs and International Development, notably the French Embassy in Beijing and the French General Consulates in Wuhan and Shanghai, from the ARCUS programme and from a number of institutions and companies. The official language of the conference is English.

Hosted by the East China Normal University (ECNU) in Shanghai and the Huazhong University of Science and Technology (HUST) and ICARE, the Sino-French Institute on Renewable Energy, in Wuhan, the FC2GChem conference also invites a significant number of younger researchers and students who will benefit from a wide range of conferences in all fields of Green Chemistry, with a focus on catalysis, and on the use of renewable resources. It will favor the seeding of future collaborations and provide opportunities for exchanging information on institutional tools dedicated to the financial support of French-Chinese collaboration and exchange of students between France and China.

We express our deepest thanks to all participant for attending the meeting, notably those giving Plenary (PL) or Special Invited Lectures (SIL) and those who will communicate their work in posters, as well as all institutions and companies which have contributed financially and have made the whole endeavor possible, and all committee members for their dedicated work before and during the conference. We are happy to welcome a significant number of students who will benefit from lectures of leading scientists in the field of Green Chemistry.

FC2GChem has received the great honor to be selected as one of the events, which celebrate the 50th anniversary of the diplomatic relationships between France and China. We are proud that this conference on Green Chemistry is a way to associate French and Chinese scientists together in a Great Cause which is expected to bring both economic development and societal progress over the 21st century, thus reinforcing French-Chinese friendship.

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Co-Chairs of FC2GChem 2014