PREFACE

To know the road ahead, ask those coming back.

—Chinese proverb —

Today, the world has become more globalized, science more interdisciplinary, and technology increasingly contributes to human society, with nano and supramolecular chemistry and industrial minerals playing an ever-expanding role.

The ISNSC (International Symposium on Nano & Supramolecular Chemistry) was initiated in October 2007 in Busan, and was most recently held in Bali (Indonesia, 2014), Busan (Korea, 2015), Brisbane (Australia, 2016), Naples (Italy, 2017), and Dresden (Germany, 2018).

Now, during October 12-16, 2019, we welcome all delegates to the pleasant October mildness of Qing Yang, Anhui, alongside the scenic UNESCO's World Geopark, to attend and enjoy the 11th ISNSC and participate in discussions on nano and supramolecular chemistry as well as on green and sustainable science and technology involving industrial minerals.

Nano and supramolecular chemistry are expanding areas of modern science and technology that span many areas. These include nanoporous materials; supramolecular materials including natural supramolecular materials; nano-catalysis; battery and energy nanomaterials; opto-electronic materials as well as a range of nano-biomedical materials.

An aspect that makes the present ISNSC unique is that it is also being held in association with the Third Forum on Industrial Minerals (WFIM-3). This forum has a focus on nano-minerals science and engineering, nanogeoscience; supramolecular assembly of nano-minerals and related hybrids and composites, including eco-friendly mineral nanomaterials, functional mineral/polymer nanocomposites and biomass/mineral nanocomposites. The combination of the International Symposium on Nano & Supramolecular Chemistry and the Forum on Industrial Minerals fosters new opportunities for collaboration across both fields, as well as between delegates from industry and academia in accord with the overall theme of this joint meeting: "Fusion of Supramolecular Chemistry, Nanotechnology and Industrial Mineralogy".

Multidisciplinary knowledge and collaboration are clearly important for promoting the next advances in the design and preparation of nano and supramolecular materials and are also at the core of the interpretation and understanding of the interrelationships between preparation, structure, function and application. Without a doubt, a rather extensive territory remains to be explored if one considers the great diversity (and potential versatility) originating from the 1D, 2D, and 3D structures of industrial minerals as well as of nano and supramolecular

systems. Block, quantum dot, and nanoscale architecture design all entail limitless possibilities and strategies involving industrial minerals.

As they are solved, the tough challenges currently confronting researchers in supramolecular chemistry, nanotechnology and industrial mineralogy become the upcoming opportunities ahead.

All in all, the organizers offer a huge thanks to all delegates who have chosen to take part in the present joint meeting. We hope that your participation will foster both collaboration and continuing innovation in your future work and aid the creation of alternative solutions to many of the challenges currently facing our society.

Honorary Chairs: *Leonard F. Lindoy*, *G. Q. Max Lu*, *Xiaonian Li*
ISNSC-11 *Chair*: *Chunhui Zhou*
ISNSC-11 *Co-Chairs*: *Yang Kim*, *Chengzhong (Michael) Yu*,
Martino Di Serio, *Artur Stefankiewicz*
WFIM-3 *Chair*: *Hongping He*
WFIM-3 *Co-Chairs*: *Hongting Zhao*, *Tianhu Chen*, *Chunhui Zhou*, *Leyao Zhou*, *Xiping Luo*

"知之者　不如好之者　好之者　不如乐之者"

——《论语》

Those who know are worse than those who like;
those who like are worse than those who enjoy.