Preface

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Macro- and Supramolecular Architectures and Materials: Multifunctional Materials and Structures (MAM-17)

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Keyword: MAM-17.

The 8th International IUPAC Symposium “Macro- and Supramolecular Architectures and Materials: Multifunctional Materials and Structures” (MAM-17), was held from 6 to 10 June 2017 in Sochi, Russia. This important field in the recent development of science, technology, and society is associated with novel materials. The MAM-17 Symposium provides an international forum for presentations on and discussion of the most recent progress and the future trends in the rapidly expanding interdisciplinary field of macromolecular and supramolecular architectures and materials, as well as the multifunctional realms of their application.

The symposium continues a series of conferences that have been organized biennially at different locations around the world. Previous MAM conferences were held in South Korea, USA, Japan, Germany, Jamaica, India, and South Africa.

MAM-17 brought together top scientists and experts from all over the world to share and discuss theoretical and practical knowledge about novel materials and to chart out future scientific and technological research directions. The Symposium covered a wide range of topics, such as:

- Catalysis and applications
- Membrane technologies
- Energy conversion and storage
- Materials for next generation manufacturing processes
- Biomedicine and bio-engineering
- Macromolecular design
- Engineered materials with high performance
- Nanomaterials and multifunctions
- Chemo- and biosensors
- Environmental applications

In addition to two plenary, four keynote, and 21 invited lectures, papers were presented in 54 oral contributions and 104 posters. The lectures covered the major themes of the symposium, providing an excellent foundation for discussions and serving as hints for further developments in the field of macromolecular and supramolecular architectures and materials.

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Conference Editor

Article note: A collection of invited papers based on presentations at 8th International IUPAC Symposium on Macro- and Supramolecular Architectures and Materials: Multifunctional Materials and Structures (MAM-17) held in Sochi, Russia, 6–10 June 2017.

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