

张 希 教授 清华大学

David N. Reinhoudt 教授 荷兰Twente大学

Helmut Ringsdorf 教授 德国Mainz大学

主题评述报告：

From supramolecular chemistry to constitutional dynamic chemistry Prof. Jean-Marie Lehn, University of Louis Pasteur, France

会议中心议题报告：

Dendrimers as building blocks for nanofabrication, Prof. David N. Reinhoudt, University of Twente, The Netherlands

Supramolecular self-assembly of hyperbranched polymers at all scales and dimensions, Prof. Deyue Yan, Shanghai Jiao Tong University, China

Supramolecular assemblies of smart block copolymers for nanomedicine, Prof. Kazunori Kataoka, Tokyo University, Japan

Nanosopic building blocks from polymers, metals, and semiconductors for hybrid assemblies and nanostructured materials, Prof. Wolfgang Knoll, MPI-Polymer Research, Germany

Enzymatic formation of self-assembled nanofibers: principles and biological application, Prof. Bing Xu, the Hong Kong University of Science and Technology, China

Giant nanomembranes and supramolecular assembly, Prof. Toyoki Kunitake, the University of Kitakyushu, Japan

Supramolecular chirality through organization, Prof. Minghua Liu, Institute of Chemistry, CAS, China

Organization and structure of proteins in monolayers, Prof. Christian Saesle, University of Lava, Canada

Self-assembly of biomolecules for nanoscale sensing, circuitry and machine applications, Prof. Itamar Willner, The Hebrew University of Jerusalem, Israel

External stimuli responsive organic gels based on LMWGs with redox-active and photoresponsive moieties, Prof. Deqing Zhang, Institute of Chemistry, CAS, China

DNA microarray diagnostic devices: understanding performance and limitations, Prof. David Grainger, University of Utah, USA

The fabrication of ordered structure in nano/micrometer scale and photonic materials, Prof. Bai Yang, Jilin University, China

Programmable assembly of DNA oligonucleotides: from nanostructured films to drug delivery systems, Prof. Frank Caruso, The University of Melbourne, Australia

Molecular pairing as useful means to develop self-assembling nanomaterials, Prof. Nobuo Kimizuka, Kyushu University, Japan

Self-assembly based on shape-persistent aromatic amide oligomers, Prof. Zhanting Li, Shanghai Institute of Organic Chemistry, CAS, China

New building blocks and driving forces in constructing non-covalently connected polymeric micelles, Prof. Ming Jiang, Fudan University, China

Living self-assembly of block copolymers: the creation of segmented nanowires and block co-micelles, Prof. Mitchell A. Winnik, University of Toronto, Canada

Tuning supramolecular chirality in low-molecular-mass liquid crystals and organogels, Prof. Xinhua Wan, Peking University, China

Structure formation caused by evaporation of small amounts of liquid, Prof. Hans-Jürgen Butt, MPI-Polymer Research, Germany

Supramolecular assembly of organometallic polyions, Prof. G. Julius Vancso, University of Twente, The Netherlands

Engineer protein' s mechanical properties: a single molecule approach, Prof. Hongbin Li, University of British Columbia, Canada

Functional polymers to control self-assembly on the mesoscale, Prof. Markus Antonietti, MPI-Colloids and Interfaces, Germany

Photoinduced electron transfer, energy transfer processes via 2-ureido-4(1*H*)-pyrimidinone AADD quadruple hydrogen bonds, Prof. Lizhu Wu, Technical Institute of Physics and Chemistry, CAS, China

Site-selective growth of organic molecular by nucleation control, Prof. Lifeng Chi, University of Muenster, Germany

From molecular hooks to self-organized systems: nanophysics meets nanochemistry, Prof. Harald Fuchs, University of Muenster, Germany

Functional nanoporous polymers via self-assembly, Dr. Volker Schaedler, ISIS Group BASF, France

Organic/inorganic supramolecular complex: from self-assembly to functional application,
Prof. Lixin Wu, Jilin University, China

香山科学会议主张学术平等，鼓励对原有理论提出质疑，提倡发表不同意见和提出非常规的思考，并不一定要求达成共识。会议期望，在宽松的环境和多学科交叉的自由讨论中，基于对已有进展的总结和评论，展望未来的发展趋势，剖析关键的科学前沿问题及其解决方法，探讨学科新增长点。会议报告与自由讨论时间大体为1:1~1.2。会议要求与会者在讨论中言简意赅，不宜过多展示过去已经发表的成果，而以过去研究积累为基础，涵盖最新信息，把握最新动向，发表新的见解。

关闭