

International Symposium for Soft Matter Science and Technology (SMST 2017)

Guangzhou, China

April 18-19, 2017



Jointly Organized by

**South China Advanced Institute for Soft Matter Science and
Technology, South China University of Technology;**

Center for Soft Matter Science and Engineering, Peking University

Welcome to SMST 2017

The 2017 International Symposium for Soft Matter Science and Technology is going to be held on April 18 and 19 in South China University of Technology (SCUT), Guangzhou, Guangdong Province, China, jointly organized by South China Advanced Institute for Soft Matter Science and Technology (AISMST, SCUT), and Center for Soft Matter Science and Engineering (CSMSE, Peking University). This symposium will provide an excellent interdisciplinary platform to bring together experts all over the world to share the most recent advancement on various topics related to soft matter science and technology. The organization committee cordially invites you to attend this symposium and have face-to-face discussions.

ORGANIZATION

Symposium Chairman: Stephen Z.D. CHENG, Yuguo MA

Organizing Committee: Zi-Chen LI, Linge WANG

Program Committee: Xuehui DONG, Jing WANG
Kan YUE, Wei ZHANG,

Symposium Secretariat: Defei KANG, Yakun WU

GENERAL INFORMATION

SYMPOSIUM SCHEDULE

Date	Daytime	Evening
April 17	Registration	
April 18	Technical Session	Dinner
April 19	Technical Session	Dinner

REGISTRATION

Time/address: 9:00-18:00 April 17th, Xi Hu Hotel, SCUT, 381 Wushan Road, Tianhe District, Guangzhou, Guangdong Province

LOCATION and VENUE

The symposium will be held in [Shaos Humanities Building](#) in the Wushan Campus, South China University of Technology, 381 Wushan Road, Tianhe District, Guangzhou, Guangdong Province.

Lunch & Dinner: Banquet Hall of Xihu Hotel, SCUT, 381 Wushan Road, Tianhe District, Guangzhou, Guangdong Province

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Symposium Programme

Tuesday, April 18 th , SCUT		
08:30-09:00	Opening Ceremony	
09:00-09:15	Group Photo	
Session I, Chair: Ming JIANG		
09:15-09:55	David A. TIRRELL	Genetic Control of Dynamic Behavior in Engineered Macromolecular Networks
09:55-10:35	Edwin L. THOMAS	High Velocity Projectile Impact of Polymeric Materials
10:35-10:45	Coffee break	
Session II, Chair: Yong CAO		
10:45-11:25	Egbert W. MEIJER	The Non-covalent Synthesis of Functional Supramolecular Systems and Materials
11:25-12:05	Takuzo AIDA	Stimuli-Responsive Smart Soft Materials Fabricated under Nonequilibrated Conditions
12:05-13:35	Lunch	
Session III, Chair: Benzhong TANG		
13:35-14:15	Xi ZHANG	Supramolecular Free Radicals: From Tunable Activity to Diverse Functions
14:15-14:55	Charles C. HAN	The Glass Formation of A Repulsive System with Also A short Range Attractive Potential: A Re-interpretation of The Free Volume Theory
14:55-15:35	Lei JIANG	Smart Interfacial Materials from Super-Wettability to Binary Cooperative Complementary Systems
15:35-15:50	Coffee break	
Session IV, Chair: Xi ZHANG		
15:50-16:30	Masao DOI	Structure Formation of Soft Matter by Solvent Evaporation
16:30-17:10	Benzhong TANG	Aggregation-Induced Emission: Responsive Luminescence of Smart Materials
17:10-17:50	Stephen Z.D. CHENG	Composition and Sequence Mandated Topological Effects on Nano-Scaled Supralattices in Precisely Functionalized Giant Molecules
18:10	Dinner	

Wednesday, April 19 th , SCUT		
Session V, Chair: Charles C. HAN		
08:30-09:00	Yiqin GAO	Multi-scale Modeling of 3-D Chromatin Structures
09:00-09:30	Jiandong DING	Cell Adhesion and Differentiation on Patterned Surfaces
09:30-10:00	Zhikang XU	Polydopamine-based Coatings for the Surfaces and Interfaces of Polymer Membranes
10:00-10:10	Coffee break	
Session VI, Chair: Guangzhao ZHANG		
10:10-10:40	Jian PEI	Organic Semiconductors Based on Polycyclic Azaborines for Organic Field-Effect Transistors
10:40-11:10	Changyou GAO	Mediation of Cell Migration by Gradient Biomaterials
11:10-11:40	Fei HUANG	Materials and Devices towards High Efficiency Thick-film Polymer Solar Cells
11:40-12:10	Yanchun HAN	Phase Separation and Molecular Orientation by Controlling Polymer Solution Aggregation and Molecule Movement in Conjugated Polymer Blends
12:10-13:40	Lunch	
Session VII, Chair: Yuguo MA		
13:40-14:10	Shiyong LIU	Engineering Vesicle Bilayers for Constructing Biomimetic Feedback Systems
14:10-14:40	Yanlei YU	Photodeformable Liquid Crystal Polymers and Bioinspired Applications
14:40-15:10	Zhuang LIU	Nanotechnology for Innovative Cancer Therapies
15:10-15:40	Guosong CHEN	Carbohydrate-based Macromolecular Self-assemblies and their Biological Functions
15:40-15:50	Coffee Break	
Session VIII, Chair: Stephen Z.D. CHENG		
15:50-16:20	Qiang FU	Control of Hierarchical Structure of Polymer Articles via Novel Processing: From Traditional toward Structuring Processing
16:20-16:50	Zongquan WU	Facile Synthesis and Applications of Optically Active Helical Polyisocyanides
16:50-17:20	Xiaoyu CAO	What Molecular Assembly Can Learn from Catalytic Chemistry
17:20-17:50	Liangbin LI	Polymer Crystallization: Coupling among Multiple Order Parameters
18:10	Dinner	



A. Xihu Hotel (西湖苑宾馆); Tel:+86-20-87112239

B. Shaos Humanities Building (Venue) [逸夫人文馆 (会议场馆)]

C. SCUT Main Gate (South Gate) [华南理工大学正门 (南门)]

D. Wushan Subway Station (五山地铁站)

How to get here:

From **Bai Yun International Airport** to **Xihu Hotel**: about 40 minutes' drive

From **Guangzhou South Railway Station** to **Xihu Hotel**: about 50 minutes' drive

From **Guangzhou East Railway Station** to **Xihu Hotel**: about 15 minutes' drive

From **Exit C** of **Wushan Subway Station** to **Xihu Hotel**: about 15 minutes' walk