ISSDMC 2024
May 12-13

International Symposium on Supramolecular Dye and Materials Chemistry (ISSDMC 2024)

May 12, 2024, 8:30 a.m. until May 13, 2024, 12:00 a.m.

State Key Lab Building, Lecture Hall 502
South China University of Technology
Guangzhou 510640, P. R. China.

The ISSDMC 2024 symposium feature the wide range of research topics in six sessions with 25 invited speakers from 7 countries:

1) Synthesis of novel π-scaffolds
Takeshi Maeda, Osaka / Japan
Chongwei Zhu, Wuhu / China
Bin Liu, Yichang / China
Xiaoqi Tian, Tianjin / China

2) Self-assembly
Zhijian *Chen, Tianjin / China*
Bappaditya Gole, Delhi / India
Guanghui Ouyang, Beijing / China
Yvonne Wagenhäuser, Würzburg / Germany.

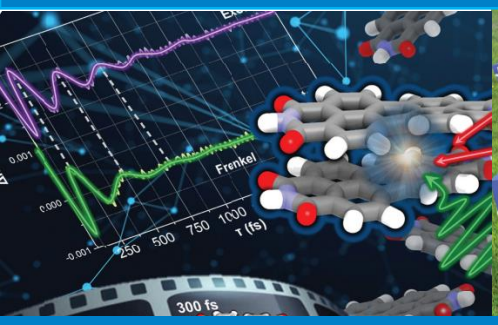
3) Supramolecular Polymer Materials
Hao Wang, Beijing / China
Bartolome Soberats, Palma de Mallorca / Spain
Daniel Görl, Lausanne / Switzerland
Soichiro Ogi, Nagoya / Japan

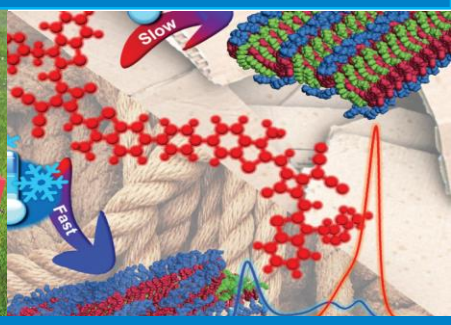
4) Functional Molecular Materials
Suhrit Ghosh, Kolkata / India
Sanchita Sengupta, Punjab / India
Kazutaka Shoyama, Würzburg / Germany
Xiaobo Hu, Jinhua / China
Jake L. Greenfield, Würzburg / Germany

5) Optoelectronic Materials
Jun Liu, Changchun / China
Wan Yue, Guangzhou / China
Zhenpin Lu, Hong Kong / China
Jinhong Kim, Seoul / Korea

6) Organic Electronic Devices
Linlin Liu, Guangzhou / China
Lizhen Huang, Suzhou / China
Tao He, Jinan / China
Aifeng Lv, Shanghai / China

Program Information





Sunday May 12, 2024

8:30	**Welcome/Opening**	**Zengqi Xie**

Synthesis of novel π-scaffolds

8:40	*Singlet Diradical Character of Polymethine Dyes Derived from Oxocarbons*	**Takeshi Maeda**
9:00	*Chiral Non-Alternant sp2-Carbon Scaffolds*	**Chongwei Zhu**
9:20	*Putting Perylene Diimides in a Ring: Exploring the Synthesis and Properties of Conjugate Macrocycles*	**Bin Liu**
9:40	*The Design and Synthesis Open-shell Polycyclic Aromatic Hydrocarbons*	**Xiaoqi Tian**
10:00	**Photo & Coffee break**	

Self-assembly

10:30	*Supramolecular Assembly of Aza-BODIPY dyes: Kinetic Pathways and Functionality*	**Zhijian Chen**
10:50	*Coordination-driven higher-ordered self-assembly of helical foldamers*	**Bappaditya Gole**
11:10	*Controlled Self-Assembly of Homochiral Helical Micro-Toroids*	**Guanghui Ouyang**
11:30	*Concentration-, Temperature-, and Solvent-Dependent Self-Assembly: Merocyanine Dimerization as a Showcase Example for Obtaining Reliable Thermodynamic Data*	**Yvonne Wagenhäuser**
12:00	**Lunch Break**	

Supramolecular Polymer Materials

14:00	*In situ self-assembly of biofunctional peptide in living system*	**Hao Wang**
14:20	*Polymorph Transitions in Supramolecular Polymers*	**Bartolome Soberats**
14:40	*Supramolecular Modification of High Molar Mass Polymers for Sustainable Plastics*	**Daniel Görl**
15:00	*Seed-initiated Supramolecular Polymerization of π-Electron Systems Using Amino-Acid-based Diamides*	**Soichiro Ogi**
15:20	**Coffee break**	

Functional Molecular Materials

15:50	*Ferroelectricity and Piezoelectricity in Supramolecular Donor-Acceptor Materials*	**Suhrit Ghosh**
16:10	*Twisted Organic TADF and Multichromophoric Antenna for Efficient Multifunctional Sensing and Photocatalysis*	**Sanchita Sengupta**
16:30	*Crystalline Solid Solutions of Organic Functional Materials*	**Kazutaka Shoyama**
16:50	*Enhancing the solid-state fluorescence of dyes by host-guest strategies*	**Xiaobo Hu**
17:10	*Switching It Up: Enhancing the Photochromic Behavior of Imines*	**Jake L. Greenfield**

Monday May 13, 2024

Optoelectronic Materials

8:30	*Organic/polymer Infrared Optoelectronic Materials*	**Jun Liu**
8:50	*N-type Organic Electrochemical Transistor*	**Wan Yue**
9:10	*Reduction of Li^+ within A Borate Anion*	**Zhenpin Lu**
9:30	*Wavelength Selective Organic Functional Materials*	**Jinhong Kim**
9:50	**Coffee break**	

Organic Electronic Devices

10:20	*Fast Photomultiplier Photodetectors based on Organic Semiconductors*	**Linlin Liu**
10:40	*Interface Engineering of Organic Electrochemical Transistors*	**Lizhen Huang**
11:00	*Visualization of Organic Single Crystal Defects, Healing and Application*	**Tao He**
11:20	*High Performance Electrochemical Transistors Based on Hydrophobic Polymers Aided by Ionic Gels*	**Aifeng Lv**
11:40	**Closing Remarks**	**Frank Würthner**

How to find us

The approach to **State Key Lab of Luminescent Materials and Devices** at South China University of Technology (SCUT):

- **Drive or Take a Taxi**

  The State Key Lab is located in Building 1, Science Park, North District, Wushan Campus, SCUT. You may set “发光材料与器件国家重点实验室” as the end in the map.

- **Metro**

  The nearest subway station to the State Key Lab is “Tianhe Coach Terminal (天河客运站)”. It is about 1.2 km from the exit B.

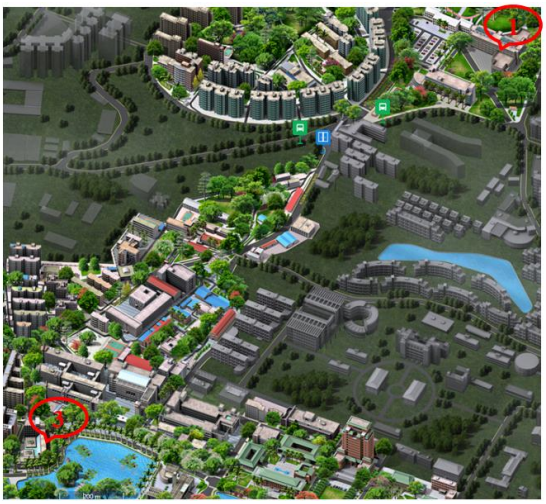
Conference Venue

Lecture Hall 502 at State Key Laboratory of Luminescent Materials and Devices
Building 1, Science Park, North District, Wushan Campus, SCUT
Wushan Road 381, Tianhe District, Guangzhou 510641 China

Accommodation

Hotel Accommodation: Honder International Hotel, 2 Dongguan Zhuang Road, Tianhe District, Guangzhou, China

Contact Number: +86-20-66233888



1 **Venue** (State Key Laboratory of Luminescent Materials and Devices)

2 **Honder International Hotel**

3 **Xihu Hotel**

Contact us

If you have any questions regarding your participation, the accommodation or anything else, you are more than welcome to contact us Tel:+86-15915714846, Email: zhoujd@scut.edu.cn