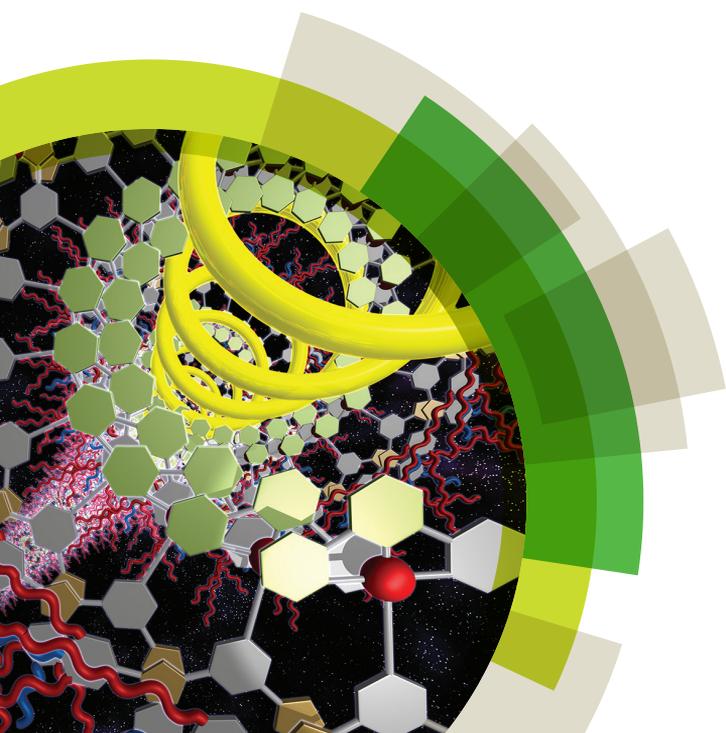


5 November 2018, National University of Singapore, Singapore

The 3rd Materials Chemistry Frontiers International Symposium

Programme

Time	Event	Session chair
08:50 - 09:00	Opening remarks Bin Liu, <i>National University of Singapore</i> Wenjun Liu, <i>Royal Society of Chemistry</i>	
09:00 - 09:30	Chen-Ho Tung, <i>Technical Institute of Physics and Chemistry, Chinese Academy of Sciences</i> Photocatalytic splitting of water based on semiconducting QDs	Chair of Session 1 Zhen Li, <i>Wuhan University</i>
09:30 - 10:00	Hua Zhang, <i>Nanyang Technological University</i> Phase engineering of novel nanomaterials	
10:00 - 10:30	John Wang, <i>National University of Singapore</i> Transition metal carbides and nitrides nanoflakes for electrocatalytic energy conversion	
10:30 - 10:50	Coffee & tea (20 min)	
10:50 - 11:20	Pooi See Lee, <i>Nanyang Technological University</i> Stretchable electronics and energy conversion materials and devices	Chair of Session 2 Xiaogang Liu, <i>National University of Singapore</i>
11:20 - 11:50	Shu Seki, <i>Kyoto University</i> Organic functional nanomaterials by single particle triggered linear polymerization	
11:50 - 12:20	Feihe Huang, <i>Zhejiang University</i> Nonporous adaptive crystals (NACs) for separation and adsorption	
12:20 - 14:00	Lunch (100 min)	
14:00 - 14:30	Ling-Dong Sun, <i>Peking University</i> A multi-shell game to enrich the luminescence of lanthanide nanocrystals	Chair of Session 3 Shu Seki, <i>Kyoto University</i>
14:30 - 15:00	Xiaogang Liu, <i>National University of Singapore</i> Photon upconversion in lanthanide-doped nanocrystals	
15:00 - 15:30	Xian Jun Loh, <i>A*STAR</i> Thermogelling polymers – an emerging biomaterial for biomedical applications	
15:30 - 15:50	Coffee & tea (20 min)	
15:50 - 16:20	Zhen Li, <i>Wuhan University</i> The modification of the functionality of π-molecules through the structural adjustment	Chair of Session 4 Xian Jun Loh, <i>A*STAR</i>
16:20 - 16:50	Kazuo Tanaka, <i>Kyoto University</i> Unique solid-state luminescent properties of "flexible" boron "element-blocks"	
16:50 - 17:20	Ben Zhong Tang, <i>Hong Kong University of Science and Technology</i> Clusteroluminogens: Common materials for uncommon luminescence	
17:20 - 17:30	Closing remarks Ben Zhong Tang, <i>Hong Kong University of Science and Technology</i>	



Read our speakers'
biographies and abstracts

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