

May 22, 2017, Monday

8:00-21:00	Registration
18:00-21:00	Reception

May 23, 2017, Tuesday

Time	Plenary Session I Chair –
9:00-9:10	Opening Remark & Welcome
9:10-9:45	Plenary Lecture 1 Development and future trend of metallocene based polyolefin and elastomers Walter Kaminsky University of Hamburg
9:45-10:20	Plenary Lecture 2 Sidarm approach to catalysts for olefin polymerization: controllable synthesis of polyethylene and applications Yong Tang Shanghai Institute of Organic Chemistry, CAS
10:20-10:50	Photo & Tea Break

10:50-11:25	<p style="text-align: center;">Plenary Lecture 3</p> <p style="text-align: center;">Controllable supramolecular polymerization</p> <p style="text-align: center;">Xi Zhang Tsinghua university</p>	
11:25-12:00	<p style="text-align: center;">Plenary Lecture 4</p> <p style="text-align: center;">Carbon dioxide switchable technology in polymer reaction engineering</p> <p style="text-align: center;">Michael F. Cunningham Queen's University</p>	
12:00-13:00	<p style="text-align: center;">Buffet Lunch</p>	
Time	<p>Meeting Room 1</p> <p>Chair -</p>	<p>Meeting Room 2</p> <p>Chair –</p>
14:00-14:25	<p style="text-align: center;">Invited Lecture A1</p> <p style="text-align: center;">Selecting parameters to estimate in polymerization mode</p> <p style="text-align: center;">Kim B. McAuley Queen's University</p>	<p style="text-align: center;">Invited Lecture B1</p> <p style="text-align: center;">Polymers from renewables-based cyclic monomers via ring-opening polymerization</p> <p style="text-align: center;">Giuseppe Storti ETH Zurich</p>
14:25-14:50	<p style="text-align: center;">Invited Lecture A2</p> <p style="text-align: center;">Correlations between kinetics and polymer particle morphology in ethylene polymerization with supported Ziegler-Natta Catalyst</p> <p style="text-align: center;">Zhiqiang Fan Zhejiang University</p>	<p style="text-align: center;">Invited Lecture B2</p> <p style="text-align: center;">Preparation of non-fullerene acceptors for highly efficient polymer solar cells</p> <p style="text-align: center;">Hongzheng Chen Zhejiang University</p>

<p>14:50-15:15</p>	<p>Invited Lecture A3</p> <p>Polymer reaction engineering principles for the synthesis of polymer particles of complex morphologies</p> <p>Kyu Yong Choi University of Maryland, College Park</p>	<p>Invited Lecture B3</p> <p>Process for the enzymatic synthesis of conductive poly(3,4-ethylenedioxythiophene)</p> <p>Yesong Gu Tunghai University</p>
<p>15:15-15:40</p>	<p>Invited Lecture A4</p> <p>Development of novel value-added polyethylene products through innovation of traditional Ziegler-Natta and Phillips type catalysts</p> <p>Boping Liu East China University of Science and Technology</p>	<p>Oral Presentation B1</p> <p>PROP: An in situ cascade polymerization method for the facile synthesis of polyesters and poly(ether ester) elastomers</p> <p>Yingfeng Tu Soochow University</p>
<p>15:40-16:00</p>	<p>Tea Break</p>	
<p>16:00-16:25</p>	<p>Invited Lecture A5</p> <p>Using Monte Carlo methods in polymerization reaction engineering</p> <p>João B. P. Soares University of Alberta</p>	<p>Invited Lecture B4</p> <p>Preparation of microcellular rigid polyurethane by proper coupling polymerization reaction with foaming process in supercritical CO₂</p> <p>Ling Zhao East China University of Science and Technology</p>
<p>16:25-16:50</p>	<p>Invited Lecture A6</p> <p>Kinetic insights into electrochemically mediated atom transfer radical polymerization: from modeling to experiments</p> <p>Zheng-Hong Luo Shanghai Jiao Tong University</p>	<p>Invited Lecture B5</p> <p>Progress in semiconducting polymers and processes for organic field-effect transistors</p> <p>Beng S. Ong Hong Kong Baptist University</p>

16:50-17:15	<p>Invited Lecture A7</p> <p>Modeling of polymer networks for art and industry</p> <p>Piet D. Iedema University of Amsterdam</p>	<p>Invited Lecture B6</p> <p>Superhydrophobic and superoleophilic modified pristine foam and its application as effective sorbents for oil spill clean-ups and recovery</p> <p>Qinmin Pan Soochow University</p>
17:15-17:40	<p>Invited Lecture A8</p> <p>Model-based design for precision control of polymerization processes</p> <p>Dagmar R. Dhooge Ghent University</p>	<p>Oral Presentation B2</p> <p>Polymeric Nanocomposites Based on Polypropylene/Carbon Nanoparticles: Evaluation of the Percolation Threshold Phenomenon by Electrical and Rheological Properties</p> <p>F. Soriano-Corral Centro de Investigación en Química Aplicada</p>
17:40-18:05	<p>Oral Presentation A1</p> <p>A simple method to prepare weakly entangled polyethylene by a super highly active Ziegler-Natta catalyst at a high temperature</p> <p>Wei Li Ningbo University</p>	<p>Oral Presentation B3</p> <p>Graphene/star polymer nanocoating</p> <p>Qiang Ren Changzhou University</p>
18:05-19:00	Buffet Dinner	

May 24, 2017, Wednesday

Time	<p>Meeting Room 1</p> <p>Chair –</p>	<p>Meeting Room 2</p> <p>Chair –</p>
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8:30-8:55	<p>Invited Lecture A9</p> <p>A comprehensive risk assessment analysis of ethylene decomposition in industrial LDPE autoclaves</p> <p>Costas Kiparissides Aristotle University of Thessaloniki</p>	<p>Invited Lecture B7</p> <p>Toward high performance polymer articles via structuring processing</p> <p>Qiang Fu Sichuan University</p>
8:55-9:20	<p>Invited Lecture A10</p> <p>Aspects of process development in continuous emulsion polymerization</p> <p>Werner Pauer University of Hamburg</p>	<p>Invited Lecture B8</p> <p>Synthesis of dual stimuli-responsive amphiphilic particles through controlled semi-batch emulsion polymerization</p> <p>Pei Li The Hong Kong Polytechnic University</p>
9:20-9:40	Tea Break	
9:40-12:00	Poster introduction by the authors	
12:00-13:00	Buffet Lunch	
13:00-15:00	Poster Presentation	
15:00-18:00	Sightseeing	
18:00-20:00	Banquet & Entertainment	

May 25, 2017, Thursday

Time	Meeting Room 1 Chair –	Meeting Room 2 Chair –
8:30-8:55	Invited Lecture A11 Controllable preparation of polymer materials in microreactors Guangsheng Luo Tsinghua university	Invited Lecture B9 Polymeric membranes with vertical pores Zhi-Kang Xu Zhejiang University
8:55-9:20	Invited Lecture A12 Impact of condensing agents in ethylene polymerisation processes Timothy F.L. McKenna University of Lyon	Invited Lecture B10 Designing cross-linked acetylene polymers for catalysis and energy-storage applications Zhibin Ye Laurentian University
9:20-9:45	Invited Lecture A13 Mathematical modeling of nitroxide mediated emulsion polymerization. comparison with experimental data Enrique Saldívar-Guerra Centro de Investigación en Química Aplicada	Oral Presentation B4 Shaping ice for functional materials with biomimetic architectures Hao Bai Zhejiang University
9:45-10:10	Invited Lecture A14 Multi-scale framework applied to morphology evolution and properties of polyurethane foams Juraj Kosek University of Chemistry and Technology Prague	Oral Presentation B5 Modeling of atom transfer radical polymerization Erlita Mastan McMaster University
10:10-10:30	Tea Break	

10:30-10:55	<p>Invited Lecture A15</p> <p>Poly(styrene-b-isobutylene-b-styrene)-based anion exchange membrane for direct alkaline methanol fuel cell</p> <p>Yi-xian Wu</p> <p>Beijing University of Chemical Technology</p>	<p>Invited Lecture B11</p> <p>Challenges and opportunities in surface-initiated polymerization</p> <p>Jan Genze</p> <p>North Carolina State University</p>
10:55-11:20	<p>Invited Lecture A16</p> <p>Aqueous-phase radical polymerization kinetics and their influence on batch and semibatch copolymerizations</p> <p>Robin A. Hutchinson</p> <p>Queen's University</p>	<p>Invited Lecture B12</p> <p>Thermadapt shape memory polymer</p> <p>Tao Xie</p> <p>Zhejiang university</p>
11:20-11:45	<p>Oral Presentation A2</p> <p>Monte Carlo simulation of aqueous precipitation polymerization of polyacrylonitrile with controllable sequential structure</p> <p>Zhenhao Xi</p> <p>East China University of Science and Technology</p>	<p>Oral Presentation B6</p> <p>Hybrid characterization method of technical EVA-copolymers with GPC-IR-MALLS under high-temperature conditions</p> <p>Markus Busch</p> <p>Technische Universität Darmstadt</p>
12:10-13:00	Buffet Lunch	
Time	<p>(Special Topic for Industry)</p> <p>Chair –</p>	
13:30-13:55	<p>Invited Lecture S1</p> <p>Digitalization is utilizing all relevant and available data, statistics, scientific modeling, simulation and knowhow</p> <p>Wolfgang Gerlinger</p> <p>BASF SE, Ludwigshafen</p>	

<p>13:55-14:20</p>	<p>Invited Lecture S2</p> <p>A new family of thermoplastic photoluminescence polymers</p> <p>Jinliang Qiao</p> <p>SINOPEC Beijing Research Institute of Chemical Industry</p>
<p>14:20-14:45</p>	<p>Invited Lecture S3</p> <p>Fundamental concepts in the design of high performance polymer nanocomposites</p> <p>Marco A. Villalobos</p> <p>Cabot China LTD</p>
<p>14:45-15:10</p>	<p>Invited Lecture S4</p> <p>High performance waterborne running tracks: its design, development, and application</p> <p>Tong Sun</p> <p>Dow Chemical (China) Investment Co. Ltd.</p>
<p>15:10-15:35</p>	<p>Invited Lecture S5</p> <p>Neutral nickel complexes catalyzed ethylene polymerization catalysts for olefin and polar monomer copolymerizations</p> <p>Shixuan Xin</p> <p>PetroChina Petrochemical Research Institute</p>
<p>15:35-16:00</p>	<p>Invited Lecture S6</p> <p>Development of functionalized engineering polymer for 3C industry application</p> <p>Nanjian Sun</p> <p>DuPont China R&D Center</p>
<p>16:00-16:20</p>	<p>Tea Break</p>

Time	<p style="text-align: center;">Plenary Session II Chairs –</p>
16:20-16:55	<p style="text-align: center;">Plenary Lecture 5 Fundamental aspects of the hyperbranched polymer formation Hidetaka Tobita University of Fukui</p>
16:55-17:30	<p style="text-align: center;">Plenary Lecture 6 Progress of polymer reaction in Zhejiang University Bo-Geng Li Zhejiang university</p>
17:30-17:50	<p style="text-align: center;">Awarding Ceremony & Closing Remarks</p>
18:00-19:00	<p style="text-align: center;">Buffet Dinner</p>