

2019 IOPC INVITATION

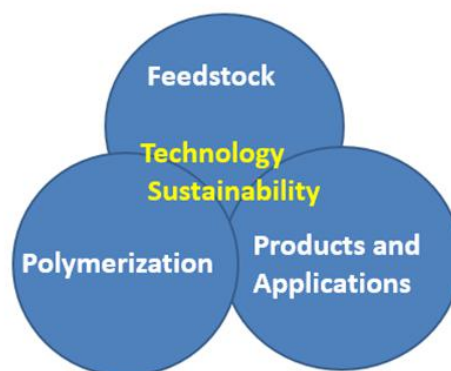
Dear Colleague,

This is an invitation to you and your colleagues to participate in the upcoming 2019 International Olefin and Polyolefin Conference (IOPC) in Ningbo, China, March 19-22, 2019. The IOPC was designed to exchange innovative ideas and new information among experts, gathering researchers from industry, scientists and academicians, as well as polyolefin industry leaders where research findings are presented. In just three years, IOPC has established a reputation as a premier international polyolefin conference with over 300 participants in each year. The global conference is jointly organized by Townsend Solutions (TS) Houston, USA, and Chemical Industry and Engineering Society of China (CIESC) Beijing, China.

The theme of the 2019 conference is “Sustainability of Polyolefin Industry–Technology Developments”. The term “sustainable development” was first defined in a 1987 report entitled “Our Common Future” by the United Nations. Subsequent to the Paris Agreement and China’s decision to stop buying plastics recycles, the sustainability movement is sweeping across all industries and all over the globe. While “sustainability” frequently addresses energy and environment, it is actually far more encompassing. It is also intertwined with circular economy and business growth. The agenda is broad, and the context profound.

For the polyolefin industry, technology is central to its sustainability. The 2019 IOPC conference will address the technological advancements on three fronts: feedstock, polymerization, and fabricated products. For example,

PO Technology Sustainability Development



2019 IOPC Ningbo, CHINA

1. Research is advancing in providing economical and clean feedstocks;
2. New and efficient catalysts are being developed to provide exceptional physical properties

allowing the light-weighting of fabricated structures, and,

3. Development of improved fabricating methods for easy, lower-energy processing and the use of recyclable products.

The first day March 20 is the general session, where industry leaders will address key issues, including a “new order” that is emerging. The second day has three concurrent tracks; namely, feedstock, polymerization, and products/applications. The third day is a visit to an operation in the Ningbo Industrial complexes – among the largest and the most advanced in China. There is a special “Pre-Workshop” on March 19 designed for companies to interact or conduct training with their customers attending the Conference.

Topics covered will include: conversion of methane to ethylene, methanol-to-olefins (MTO), propylene dehydrogenation (PDH), alpha-olefin catalysts, polyolefin catalysts, catalysts business, new polymerization process developments, specialty product development, and bioplastics.

Our speakers are internationally-renowned experts from both academia and the petrochemical industry, hailing from domestic and overseas locations. It is a sterling cast. (See the table below.)

2019 IOPC Speaker Affiliations				
W.R. Grace and Company	Univation Technologies	Tsinghua University	Townsend Solutions	SINOPEC (SRICI)
SINOPEC (BRICI)	SIBUR	Shenhua Group	Shanghai Institute of Org. Chem.	Samsung Chemical Company
SABIC	PetroChina	NICE ENERGY	Mitsui Chemicals	Mitsubishi Chemical Corporation
LyondellBasell Industries N.V.	Lummus Novolen Technology GmbH	LG Chem	Honeywell UOP	Japan Polypropylene Corporation
DowDupont	Dalian Institute of Chemical Physics	Clariant Specialty Chemicals	Wellman Plastics	Beijing University of Chemical Technology (BUCT)

Please do not miss this great opportunity. We look forward to seeing you in Ningbo.

CONTACT

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2019 International Olefin and Polyolefin Conference

19-22th March , 2019

Pan Pacific Ningbo Hotel, Zhejiang, China

Hosts

The Chemical Industry and Engineering Society of China (CIESC)
Townsend Solutions

Arrangement

(updated to Jan.3)

DATE	TIME	DETAIL	VENUE
MONDAY MARCH 18	14:00-22:00	PRE-WORKSHOP Registration	Pan Pacific Ningbo Hotel
TUESDAY MARCH 19	10:00-22:00	Conference Registration	Pan Pacific Ningbo Hotel
TUESDAY MARCH 19	08:30-17:00	PRE-WORKSHOP	Pan Pacific Ningbo Hotel
WEDNESDAY MARCH 20	08:30-18:00	Plenary Session	Pan Pacific Ningbo Hotel
THURSDAY MARCH 21	08:30-18:00	3 Parallel Technical Sessions	Pan Pacific Ningbo Hotel
FRIDAY MARCH 22	08:30-12:00	Corporate Visit Ningbo Petrochemical Company	Ningbo

HOTEL

Pan Pacific Ningbo Hotel

Website: <https://www.panpacific.com/en/hotels-and-resorts/pp-ningbo.html>

Address: 99 East Min' an Road (Min' an Dong Lu)

Hotel phone: +86 -574-89118888

Email: reserve.ppngb@panpacific.com

Traffic (by car):

In Ningbo city center;

Ningbo Lishe International Airport 22 kilometers (about 30 minutes);

Ningbo Railway Station 14 kilometers (about 30 minutes);

TUESDAY, MARCH 19, 2019

PRE-WORKSHOP

SUPPLIER TECHNICAL ACHIEVEMENTS AND PRODUCT LAUNCHES

DAY 1 –WEDNESDAY, MARCH 20, 2019

PLENARY SESSION

1. High-efficiency Methanol to Olefins Process Technology

Prof. Zaiyu XIE, Director of science and technology of Sinopec Group, Academician of Chinese Academy of Sciences

2. New Technology for Petrochemical Waste Olefin Utilization - self-stabilizing Precipitation Polymerization

Prof. Wantai YANG, Professor of Tsinghua University, Academician of Chinese Academy of Sciences

3. Domestic and Foreign Olefins and Polyolefin Industry Layout and New Changes in Market Competition

Prof. Yi BAI, Vice President of China National Petroleum and Chemical Planning Institute

4. Research and Development Path of Sinopec High Performance Polyolefin New Materials

Prof. Jinliang QIAO, Chief scientist of SINOPEC Group

5. Analysis of Polyolefin Downstream Products Application

Prof. Jie HU, Vice President of CNPC Petrochemical Research Institute

6. Controllable Polymerization of Olefins and Macromolecular Engineering

Prof. Yixian WU, State Key Laboratory of Chemical Resource Engineering

7. Plastics Recycling Technologies

Dr. Deen Chundury , former Wellman Plastics R&D VP

8. New development in Olefinic Elastomers

Dr. Xudong HUANG, Dow AP Elastomers Director

9. Sustainability and Technology Development

Dr. Clifford Lee, Townsend Solutions, VP

DAY 2–THURSDAY, MARCH 21, 2019

3 PARALLEL TECHNICAL SESSIONS

Session 1: Olefin and Polyolefin Feedstock and Petrochemical

1. Analysis of Olefins and Polyolefins from Different Raw Materials

Prof. Chunmei YU, Deputy Chief Engineer of CNPC Northeast Refining & Chemical Engineering Company

2. The Latest Technology and Application of Olefin Cracking

Prof. Jiawei TENG, Professorate Senior Engineer, Director of Shanghai Research Institute of Petrochemical Technology

3. High-efficiency Platinum-based Catalysts from Tianjin University Enhance Propylene Production Efficiency

Prof. Jinlong GONG, Tianjin University

4. Catalyst for the Production of Propylene from C4-C8 Olefin in Refinery and its Application

Sinopec Beijing Research Institute of Chemical Industry

5. α -Olefin Synthesis Technology and Product Application

Prof. Libo WANG, CNPC Petrochemical Research Institute

6. Propane and Butane Gas Solid Phase Catalytic Dehydrogenation to Olefins

Chunyi LI, China University of Petroleum

7. Methanol to Olefin Separation Technology Development and Industrial Application

Wison Group

8. Key Technology Development and Industrial Application of Million Tons of Coal-Based Propylene Resin Series Products

Shenhua Ningxia Coal Industry Group Co., Ltd

Session 2: Polyolefin Polymerization and Catalysts

1. China Polyolefin Research and Development Progress of Catalyst Technology

Jianjun YI, Professor level senior engineer, CNPC Research Institute of Petroleum and Petrochemical Industry

2. Gas Phase PE Polymerizations -New development

Ms. Feng Yu, Univation Licensing Director China

3. LYB New Polyolefin Technologies

Mr. Chris Chen, LYB Licensing Manager China

4. New Trends in PP Catalysts

Dr. CP Cheng, Clariant Technology Manager

5. The New W.R.Grace in Polyolefin Catalyst Arena

Dr. Manu Rego, W.R. Grace Manager of Products and Analytical Services

6. New Development in Polyethylene Catalysts

Dr. LinFeng Chen, Dow Chemical R&D Leader

7. New Development in Polyethylene Catalysts

Dr. Boping Liu, Professor of South China Agricultural U.

8. Developments in Metallocene and Post-Metallocene Catalysts

Dr. Clifford Lee, Townsend Solutions, VP

Session 3: Polyolefin Products and Applications

1. Progress in the Development and Application of High Value-added Polyolefin Products

Prof. Shijun ZHANG, Deputy Chief Engineer, Sinopec Beijing Research Institute of Chemical Industry

2. Synchronous Crosslinked Olefin Polymerization Technology

Prof. Jinyong DONG, Key Laboratory of Engineering Plastics, Institute of Chemistry, Chinese Academy of Sciences

3. Research on High Performance Polyolefin Polymerization Technology

Prof. LI Bo-Geng, Zhejiang University

4. Preparation and Industrialization of a New Fully Biodegradable Copolyester

Xianbo HUANG, Professor, Kingfa Scientific and Technological Co., Ltd.

5. Research on olefinic thermoplastic elastomers

Beijing Yanshan Petrochemical High-Tech Co. Ltd.

6. Research and Application of Polyolefin Lithium Battery Separator Materials

Inviting

7. Biobased Elastomers

Dr. Kevin Wang and Zhang LC, Professors of BUCT

8. ExxonMobil Polyolefins in Asia

Dr. Saifudin Abubakar, ExxonMobil AP R&D Manager Shanghai

DAY 3—FRIDAY, MARCH 22, 2019

Corporate Visit

Corporate Visit Ningbo Petrochemical Company

CONTACT

Dr. Clifford Lee, **Townsend Solutions**

Email: CLee@TownsendSolutions.com ; Mobile: +1 832-276-1101

REGISTRATION

Note: All participants need to sign up by online registration.

Registration Website: <http://www.ciesc.cn/meeting/en/2019IOPC/home/signup.php>

REGISTRATION FEE

Time	Charge
By Jan. 31	US\$1,200
From Feb. 1	US\$1,500

Note:

1. Registration fees include: delegates payment, conference materials and caterings. Travel and accommodation expenses are not included in the registration fee.
2. Different countries have different remittance routes.

Remittance Account Information:

Please refer to the foreign currency remittance path, [you can click to download from website](#).

For credit to

Industrial and Commercial Bank of China

Beijing Municipal Branch, Beijing, PRC

SWIFT Address: ICBKCNBJBJM

For further credit to Beneficiary

Account Number: 0200253809014450629

Name: The Chemical Industry and Engineering Society of China

Address: Andingmen Wai, 53 Xiaoguanjie, Beijing 100029, China

Telephone: +86-10-64438491 / 64440548

Please mark "2019 IOPC" in the remittance form.

ROOM RESERVATION

You could book the room by yourself by follow way:

Please fill in the Room Reservation Form below and send to the email boxes:
reserve.ppngb@panpacific.com

2019 International Olefin and Polyolefin Conference

Room Reservation Form			
Company Name		Hotel	Pan Pacific Ningbo Hotel
Guest Name		Room Reservation	Reservation
Tel No.		Tel No.	0574-89118888 -预订部
Email Address		Email Address	reserve.ppngb@panpacific.com
Arrival Date	(YY/MM/DD)	Departure Date	(YY/MM/DD)
Room Type	SUPERIOR KING BED ROOM	SUPERIOR TWIN BED ROOM	
	APARTMENT EXQUISITE BED ROOM	APARTMENT EXQUISITE TWIN ROOM	
No. of RM			
Breakfast	1/2 份		1/2 份
Room Rate	SUPERIOR KING BED ROOM: RMB500net Per Room /Night SUPERIOR TWIN BED ROOM: RMB550net Per Room /Night APARTMENT EXQUISITE BED ROOM: RMB400net Per Room /Night APARTMENT EXQUISITE TWIN ROOM: RMB450net Per Room /Night		
Confirmation Letter	(Yes/No)	Confirmation letter will be send to your email address	
Please download "Hotel Bank Information", and remark "2019IOPC" when you remittance to hotel reservation.			

Review of 2018 International Olefin and Polyolefin Conference

Conference Overview

2018 International Olefin and Polyolefin Conference was held in Ningbo on March 20-23, 2018. It was the third time that it be held. The conference was hosted by Chemical Industry and Engineering Society of China and Townsend Solutions. More than 300 people from the United States, Japan, Korea, Switzerland, Netherlands, Belgium, Brazil, China and other domestic and foreign institutions of higher learning, research institutes and large enterprises attended the meeting.

Conference Focus

Technology Convergence of Feedstock, Polymerization, and Fabrication

Participating Composition

- Participating composition structure: Enterprise 72%; Universities and research institutes 16%; Government, associations and industry organizations 12%
- Participating enterprise structure: state-owned enterprises 48%; private enterprises 41%; foreign enterprises 11%
- Service type structure: Production type enterprises 70%; Technology / product suppliers 18%; Engineering service providers 10%, Matching equipment enterprises 5%; trading company 5%; Consulting research service providers 2%
- Participant structure: R & D technical personnel 60%; Marketing personnel 11%; managerial staff 12%; Others 17% (Vice president and above level accounted for 45%)

Industry in Ningbo:

Ningbo is China's national petrochemical industry base and the petrochemical industry is an important pillar industry in Ningbo. Ningbo olefin industry realized a total profit of nearly 7 billion RMB in 2015. Ningbo will become an important growth center in the domestic and bal production of olefins.

