

# 2016 China International Olefin Conference

March 29-30, 2016 Ningbo Hefeng Garden Hotel, Zhejiang

## Hosts:

The Chemical Industry and Engineering Society of China (CIESC)  
The Society of Chemical Engineers, Japan (SCEJ)  
DECHEMA e.V. Society for Chemical Engineering and Biotechnology

## Co-host:

Ningbo Petrochemical Economic and Technological Development Zone

## Supporters:

Ningbo Municipal People's Government  
Dalian Institute of Chemical Physics, Chinese Academy of Sciences  
East China University of Science and Technology  
Sinopec PetroChina CNOOC SINOCEM CHEMCHINA  
SHENHUA GROUP Shaanxi Yanchang Petroleum (Group) Co., LTD.

## Co-organizers:

Chemical Engineering Professional Committee of CIESC  
Petrochemicals professional Committee of CIESC  
Coal Utilization Professional Committee of CIESC  
Advanced Materials Professional Committee of of CIESC  
Sinopec Beijing Research Institute of Chemical Industry  
China University of Petroleum

## Conference Formats:

Plenary Forum;  
Parallel Forums;  
Keynote Speech;  
Panel Discussion and Q&A;  
Special Workshop;  
VIP Round Table Meeting;  
Showcase Display;  
.....

## **Topics:**

### **Plenary Forum: Upgrading strategy of olefin industry under the challenges of low oil price**

- Global energy layout and the trend of oil price;
- International olefin industry distribution and marketing competition strategy (Asia, Middle East, North America and Europe);
- Current status and 13<sup>th</sup> five-year plan interpretation of olefin industry;
- Survival opportunities under challenge of diversified olefins industry chain (shale gas to olefins, MTO, PDH, etc.);
- Optimization and Integration of oil refining and downstream chemicals;
- upgrading of logistics and supply chain of olefin industry;
- .....

### **Parallel Forum 1: Olefin feedstock diversification and technology upgrading—promoting core competitiveness**

#### **➤ Petrochemical industry layout and diversified development prospects of olefin feedstock**

- Naphtha olefin and its competitiveness analysis;
- Development path of coal to olefin / imported methanol to olefins;
- Current status and prospect of shale gas liquid ethylene production in China;
- Industrialization progress of methane to ethylene production directly in the United States;
- Progress of direct conversion of methane to ethylene catalyzed by restricted domain;
- Development space analysis of PDH;
- Liquefied petroleum gas / light hydrocarbon to olefins : prospects for the development of medium and small scale olefins; .....

#### **➤ Technology development and economic analysis of olefin technologies for diversified resources**

- Review of the patent and transfer technology of olefins in recent years;
- Flexible production process for ethylene, propylene and butylene;
- Progress in the preparation of low carbon alkanes by molecular chemical cleavage of high carbon alkanes;
- Olefin conversion technology (OCT, OCC, OMT, OCP, MOI.....);
- Advanced technology in olefin (Propylur, K-COT<sup>TM</sup>, ACO.....)
- Energy saving and emission reduction methods and technologies for olefin production; .....

### **Parallel Forum 2: Polyolefin and catalyst technology -- high-end roadmap of general resins**

- Development of global polyolefin market;
- Roadmap for China general resin high-end products;
- Preparation progress of POE polyolefin elastomer from Sabic/SK;
- Synthesis and application of PO resin films from Sumitomo chemicals;
- Development of polyethylene technology through solution process;
- Progress in the preparation of ultra high molecular weight polyethylene resin for fiber grade and engineering plastic;
- Progress in preparation technology of polyethylene wax and application of high end products;
- EPDM technology and high-end products of polymerization from Ethylene, propylene and norbornene;
- PTE, POE, POP and TPV of polyolefin elastomers prepared by the method of anionic

- polymerization of ethylene and the polymerization of -1 block polymerization of ethylene;
- Progress in synthesis and application of heat resistant PE-RT;
- Recovery technology development and application of ethylene and hydrogen in tail gas of polyethylene plant;
- Development of solution synthesis of POE in Zhejiang University;
- Progress in the preparation of TPV dynamic vulcanization polypropylene;
- Progress in preparation technology of polyolefin resin for POF shrink film;
- Unconventional fossil materials and bio based polymers;
- Advanced polyolefin catalysts;
- Application of new polyolefin film technology;
- New PE technology;
- Poly lactic acid technology;
- Asian polyolefin portfolio; .....

### **Parallel Forum 3: Comprehensive utilization of olefin downstream and by-products**

- Technical progress and market analysis of EO/PO;
- New progress in the application of YS series silver catalyst for ethylene oxide production from Sinopec
- Analysis of high value products (acrylic acid, acrylonitrile, oxo) from Propylene;
- Technology development and market analysis of C<sub>4</sub>/ C<sub>5</sub>;
- Technology and industrial development of Butadiene / isobutene;
- Development of hydrogenation technology of C<sub>5</sub> olefin petroleum resin;
- Analysis of isoprene downstream;
- High added value rubber and petroleum resin chain from olefin;
- Progress in synthesis of COC ring olefin transparent resin;
- Study on bulk polymerization of butene-1;
- Progress of MMA from isobutylene;
- Fine utilization of single component of olefin; .....

### ***To be invited:***

#### ***Asia:***

Dalian Institute of Chemical Physics, Chinese Academy of Sciences  
East China University of Science and Technology  
Sinopec Beijing Research Institute Of Chemical Industry  
China University of Petroleum  
Japan Advanced Institute of science and Technology University  
Sinopec, PetroChina, CNOOC, SINOCEM, SHENHUA GROUP,  
Shaanxi Yanchang Petroleum (Group) Co., LTD.  
SECCO, Mitsui Chemicals, Sumitomo, Maruzen, TPC  
SamsungTotal, NIA, PTTPLA ;

#### ***Middle East:***

Saudi Basic Industries Corporation (SABIC)

#### ***North America:***

DOW, ExxonMobil, Grace, PTTGC, CPCHEM, Chevron, UOP, CB&I Lummus, KBR;

#### ***Europe***

University of Hamburg , BASF, Evonik Degussa, Clarian, HELM GREAT BRITAIN, INEOS, REPSOL, SHELL, LyondellBasell, Axens

**Contact:**

## CIESC:

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After March 18 <sup>th</sup> , 2016	By March 18 <sup>th</sup> , 2016
US\$ 1,000	US\$ 800

The registration fee includes meals, conference materials scheduled conference sessions Mar.29 -30, 2016.

**Payment:**

By Telegraphic Transfer

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

**Remark: Delegates must bear all bank charges and local taxes (if applicable). Fees must be NETT of ALL charges.**

**Please indicate in the payment: Olefin Conference 2016**

Note: If you remit the fee from overseas, please contact us for Remitting Route.

**Venue:****Ningbo Hefeng Garden Hotel (★★★★★)****Address:**

Jiangdong Road ,Jiangdong District of Ningbo city ,Zhejiang Province, No. 339

Hotel phone: 86- 574-87936666

**Price:**

Deluxe King/Twin Room: 380 RMB/day (including breakfast for 2 persons)

Business King Room: 420 RMB/day (including breakfast for 1 person)

**Traffic (by car):**

Ningbo Lishe International Airport 15.7 kilometers (about 47 minutes);

NingBo Railway Station 6.1 kilometers (about 20 minutes);

NingBo East Railway Station 6.6 kilometers (about 23 minutes);

The driving distance from the city center 7 kilometers (about 21 minutes).

## Registration Form

Please fill the table and send to : [huqin@ciesc.net.cn](mailto:huqin@ciesc.net.cn)

Company Name					
Address				Country	
Office phone					
E-mail					
Payment	<input type="radio"/> Already remittance		<input type="radio"/> No remittance		
Name	(Dr/Mr/ Mrs/Ms)	Job Title	Phone	Hotel reservation (Room type)	Arrival /Departure Date (how many nights)