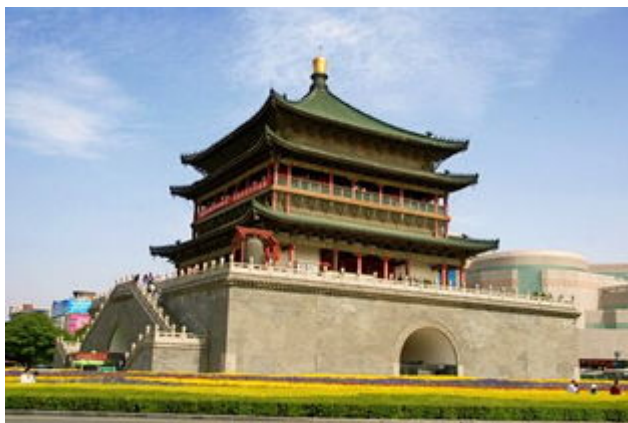


EIGHTH INTERNATIONAL SYMPOSIUM ON ENGINEERING PLASTICS



Xi'an, China
August 8-11, 2017

Second Circular



Organized by

Institute of Chemistry, Chinese Academy of Sciences
Xi'an Jiaotong University

Sponsored by

Ministry of Science and Technology, China
National Natural Science Foundation of China (NSFC)
Chinese Academy of Sciences (CAS)
Polymer Division, Chinese Chemical Society (CCS)

INVITATION

The Eighth International Symposium on Engineering Plastics (EP'2017 Xi'an) will be held in Xi'an, Shaanxi Province, China August 8-11, 2017. Its topics will remain on polymeric materials, retaining its abbreviation EP as its logo actually over "engineering plastics" with continuous success, and keeping its tradition to act as a platform exchanging the recent progress, deep consideration and future development about polymeric materials. In addition to the basic topics for R&D of polymeric materials, this time the special focus will be on "Connecting chains from laboratory research to industrial production". In addition, a forum will be organized on "Contributing to polymer science: fundamental issues plus instrumental measurements". The organization committee cordially invites all of you, scientists, engineers and students involving in polymer synthesis, physics, processing and materials, to attend this symposium and have face to face discussion.

ORGANIZATION

Symposium Chairmen:	Jiasong He;	Dujin Wang
Organizing Committee:	Chairman:	Mingshu Yang
Program Committee:	Chairman:	Jinyong Dong
Secretariat:	Lan Wu;	Wensheng Bu

International Advisory Committee

Christian Bailly (Belgium)	Frans H. J. Maurer (Sweden)
Witold Brostow (USA)	Alejandro J. Müller (Spain)
Phil Coates (UK)	Helmut Münstedt (Germany)
Klaus Friedrich (Germany)	Jinliang Qiao (China)
Jian Ping Gong (Japan)	Jürgen Rühe (Germany)
Roger Hiorns (France)	Natalie Stingelin (USA)
Benjamin Hsiao (USA)	Yuzhong Wang (China)
Xiao Hu (Singapore)	Hiroshi Watanabe (Japan)
Youliang Hu (China)	Andrew Whittaker (Australia)
Xigao Jian (China)	Jing-Shen Wu (China)
Jacques Joosten (The Netherlands)	Ming-Qiu Zhang (China)
Doo Sung Lee (Korea)	Qifeng Zhou (China)
Yongfang Li (China)	Julian Zhu (Canada)
Peter Mallon (South Africa)	

SCIENTIFIC TOPICS

1. Connecting chains from laboratory research to industrial production
2. Contributing to polymer science: fundamental issues plus instrumental measurements
3. Synthesis path from catalyst to polymer
4. Emerging tools in macromolecular characterization
5. Polymer processing, complex fluids and rheology
6. Multi-phase, multi-component and multi-functional polymer systems
7. Advanced engineering plastics and thermosets
8. Polymers for biotechnology

PLENARY SPEAKERS

Xinliang FENG (Germany)

(Accepted the invitation to EP'2017)

Klaus FRIEDRICH (Germany)

Multifunctionality of polymer composites in tribology

Yixian WU (China)

Controlled polymerization of olefins: from fundamental research to industrial application

INVITED SPEAKERS (To be completed)

Volker ALTSTAEDT (Germany)

Morphology and mechanical properties of isotactic polypropylene with benzenetrisamide nucleating agents

Witold BROSTOW (USA)

Processing and properties of polymers and polymer-based composites: some rules and examples

Dario CAVALLLO (Italy)

Nucleation of one polymorph by another in semicrystalline polymers

Chin Han CHAN (Malaysia)

Electrochemical impedance characterization of polymer electrolytes

Taihyun CHANG (Korea)

Molecular characterization of polymers

Guo-Qiang CHEN (China)

(Accepted the invitation to EP'2017)

Quan CHEN (China)

Dynamic change and morphological evolution during ionomer-to-polyelectrolyte transition

Jinyong DONG (China)

In-reactor technologies for high-performance polyolefin materials

Jiachun FENG (China)

(Accepted the invitation to EP'2017)

Chang-Sik HA (Korea)

Functional transparent polyimides for flexible substrates

Ole HASSAGER (Denmark)

Recent advances in extensional rheology: controlled flows and fracture

Aihua HE (China)

Phase morphology and crystallization behavior of amorphous /crystalline rubber blends

Martin HEENEY (UK)

(Accepted the invitation to EP'2017)

Michael HESS (Germany)

(Accepted the invitation to EP'2017)

Roger HIORNS (France)

Engineering thermally stable polymers using fullerene monomer

Benjamin HSIAO (USA)
 Advancing nanocellulose technologies for water purification

Wenbing HU (China)
 (Accepted the invitation to EP'2017)

Tadashi INOUE (Japan)
 Rheo-optical study on reinforced rubber – effect of silica fillers

Jacques JOOSTEN (The Netherlands)
 (Accepted the invitation to EP'2017)

Shiao-Wei KUO (China)
 (Accepted the invitation to EP'2017)

Doo Sung LEE (Korea)
 Stimuli-responsive block copolymer hydrogels for medical applications

Liangbin LI (China)
 Structural evolution during processing of oriented polymer films

Zhibo LI (China)
 (Accepted the invitation to EP'2017)

Zichen LI (China)
 (Accepted the invitation to EP'2017)

Tianxi LIU (China)
 Electrospun polyimide nanofiber composites

Xiao-Bing LU (China)
 (Accepted the invitation to EP'2017)

Peng-Cheng MA (China)
 Three dimensional polymer nanocomposites

Gad MAROM (Israel)
 (Accepted the invitation to EP'2017)

Masaru MATSUO (Japan)
 Importance of different evaluations concerning orientation modes between amorphous chains and crystal chains discussed in terms of intermolecular force

Yongfeng MEN (China)
 Kinetics of form II to form I crystalline solid-solid phase transition in polybutene-1

Alejandro J. MÜLLER (Spain)
 (Accepted the invitation to EP'2017)

Helmut MÜNSTEDT (Germany)
 (Accepted the invitation to EP'2017)

Koh-hei NITTA (Japan)
 Statistical aspects of ductile fracture of polypropylene solids

John OH (Canada)
 ML-MSRO strategy of block copolymers for cancer therapy

Dong QIU (China)
 (Accepted the invitation to EP'2017)

Suprakas Sinha RAY (South Africa)
 (Accepted the invitation to EP'2017)

Peter SKABARA (UK)
Highly emissive macromolecules for visible light communications

Florian J. STADLER (China)
Hydrogels

Zdenek STARY (Czech)
Shear-induced structural changes in polymer composites followed by simultaneous electro-rheological measurements

Tomasz STERZYNSKI (Poland)
Low content nanoadditives modified thermoplastic polymers; influence on rheology and applications

Natalie STINGELIN (USA)
Enabling ion flow in organic insulator: semiconductor polymer blends for bioelectronics applications

Kumar SUDESH (Malaysia)
Polyhydroxyalkanoate-Kenaf composite – properties and biodegradation

Theo TERVOORT (Switzerland)
Effect of orientation on physical ageing in poly(l-lactic acid) films

Zhen TONG (China)
(Accepted the invitation to EP'2017)

Paul TOPHAM (UK)
Selective microwave processing of block copolymers: further insights using in situ x-ray scattering

Dimitris VLASSOPOULOS (Greece)
Distinct features of polymeric entanglements, branching and associations in transient strong flows

Xinhua WAN (China)
(Accepted the invitation to EP'2017)

Linge WANG (China)
(Accepted the invitation to EP'2017)

Tongxin WANG (USA)
Biomimetic design of new dental materials with improved lifespan

Zuwei WANG (UK)
Understanding microscopic relaxation mechanisms of entangled branch polymers using multiscale computer simulations

Hiroshi WATANABE (Japan)
Component relaxation in miscible blends of polyisoprene and poly(t-butyl styrene)

Andrew WHITTAKER (Australia)
Directing surface segregation in thin polymeric films

Tao XIE (China)
(Accepted the invitation to EP'2017)

Wantai YANG (China)
(Accepted the invitation to EP'2017)

Wei YU (China)
Dynamics and rheology of polymer nanocomposites

Yanlei YU (China)

Photodeformable liquid crystal polymers and bioinspired applications

Alexey ZEIN (Russia)

Metal polymer hybrids and nanocomposites based on interpolymer complexes: preparation and prospects of application

Ming-Qiu ZHANG (China)

Sunlight triggered self-healing of polymer

Qiuyu ZHANG (China)

(Accepted the invitation to EP'2017)

Zhicheng ZHANG (China)

(Accepted the invitation to EP'2017)

Zhong ZHANG (China)

(Accepted the invitation to EP'2017)

Feng ZHOU (China)

(Accepted the invitation to EP'2017)

Jin ZHU (China)

(Accepted the invitation to EP'2017)

Jintao ZHU (China)

Assembly of polymer/inorganic nanoparticles in confined geometry

Meifang ZHU (China)

Novel nanocomposites for functional polymer-based materials, from design, fabrication to applications

SYMPOSIUM SCHEDULE

Date	Morning	Afternoon	Evening
August 8 (Tuesday)	Registration		Welcome Dinner
August 9 (Wednesday)	Technical Session	Technical Session	Poster
August 10 (Thursday)	Technical Session	Free Discussion	Free
August 11 (Friday)	Technical Session	Technical Session	Farewell Dinner

FINAL CALL FOR PAPERS

Contributions of papers for the program of EP'2017 in any related topics are being sought. Both oral and poster presentations carry equivalent scientific status in the program. To contribute a paper, submit the title in the space provided on the Registration Form enclosed in this Brochure. Except the invited lectures, mostly other contributions will be presented as posters.

SCIENTIFIC PROGRAM INFORMATION

Language

The official language of the symposium is English.

Preprints

The preprints will be prepared including the summaries of invited lectures and contributed papers as well. One-page abstract is required to present a paper. Each abstract, including tables, diagrams and references, should be typed on A4 paper, typing area must not exceed 16 cm of width and 22 cm of length, using single spacing and Times New Roman font with 10 point size. The title (bold, 12-point size, upper case), authors, affiliation and e-mail address (10-point size) should be centered. The name of the presenting author should be underlined. References should be indicated within the text and appear at the end of the abstract. All the tables and figures should be incorporated in the body of the abstract and should have individual captions. For your convenience, a format is supplied on the website <http://eplab.iccas.ac.cn/ep2017.html>. Participants are invited to submit their abstracts not later than March 30, 2017. The abstracts for the preprints should be in electronic format transferred by e-mail to ep2017@iccas.ac.cn as attached files so as to reach the Secretariat. Please notice that the documents should be readable with Microsoft Word of Windows system.

Presentation

The time allowed for plenary lecture, invited/keynote lecture and oral presentation including discussion will be 40, 25 and 15 minutes, respectively. The lecture venue will be equipped with a lap-top computer and a multimedia digital projector.

Poster

A 900 mm width × 1200 mm height board will be allowed for each poster presentation. The Student Poster Prize will be presented.

REGISTRATION

Please complete the Registration Form enclosed, and return it by fax or e-mail before March 30, 2017.

Registration fee

The registration fee for participants covers full scientific activities, all the printed materials of the symposium, welcome dinner, farewell dinner, morning and afternoon coffee/tea, and lunch and dinner. The registration fee for accompanying persons covers welcome dinner, farewell dinner, morning and afternoon coffee/tea, and lunch and dinner.

	Registration fee
Participant	RMB3000
Student	RMB2000
Accompanying Person	RMB2000

ACCOMMODATION

The symposium venue will be in Xi'an International Conference Center, Xi'an, Shaanxi Province. All events at EP'2017 will be held in this hotel. The Organizing Committee has reserved the rooms at advantageous rates in this hotel. The organizer recommends that you stay in this hotel. To secure your accommodation,

the participants should complete the Hotel Reservation Form, and return it by e-mail to Secretariat ep2017@iccas.ac.cn before March 30, 2017.



Please take me to XI'AN INTERNATIONAL CONFERENCE CENTER
(6 Yanta South Road, Xi'an, China 710061)
(Tel: 86-29-85233099)

请送我到西安国际会议中心 · 曲江宾馆。谢谢！

Xi'an International Conference Center is located to the south of Big Wild Goose Pagoda in the Q Jiang Tourism Holiday Development District, and covers approximate 130 thousand square meters. It can be reached by car around 50 minutes from Xi'an Xianyang International Airport. The taxi fee from the Airport to this Conference Center is about RMB150.

Room Rates per Night

(including service charges with breakfast; extra breakfast RMB68 for 1 person)

Standard Room		Executive Room (2.0 m)
Twin Room (1.1 m X 2) (With breakfast for 2 persons)	Double Room (2.2 m) (With breakfast for 1 person)	(With breakfast for 1 person)
RMB526	RMB468	RMB648

Reservation will be made on a first come first served basis.

GENERAL INFORMATION

Passport and Visa

A valid passport and visa for visiting China are required. Upon receiving your Visa Application Form, the organizer will send you an official invitation letter with which you can apply for an entry visa at the Chinese Embassy or the nearest Consulate General.

Xi'an

Xi'an is the capital of Shaanxi Province, located in the northwest of China, in the center of the Guanzhong Plain. Xi'an is the oldest of the Four Great Ancient Capitals of China, having held the position under several of the most important dynasties in Chinese history, including Zhou, Qin, Han, Sui, and Tang. Xi'an is the starting point of the Silk Road and home to the Terracotta Army of Emperor Qin Shi Huang. Since the 1990s, as part of the economic revival of interior China especially for the central and northwest regions, the city of Xi'an has re-emerged as an important cultural, industrial and educational centre of the central-northwest region, with facilities for research and development, national security and China's space exploration program.

Travel to and from Xi'an

Xi'an Xianyang International Airport is the main airport serving Xi'an, capital of China's Shaanxi Province, as well as the whole Guanzhong area. It is the largest airport in Northwest China, and the second largest airport in Northern China. In 2015, the airport handled about 33 million passengers, making it the busiest airport in Northwest China and the 8th busiest nationwide. The airport is located within the administrative area of Xianyang city, which gives the airport its name. It is 41 kilometers northwest of Xi'an city centre.

Insurance

The organizers cannot be responsible for personal accidents or material damage, which may occur to the participants during the conference and tours. All the participants are advised to make their own arrangements in respect to health and travel insurance before commencing their journey to the conference.

Climate

Xi'an has a temperate climate that is influenced by the East Asian monsoon, classified under the Köppen climate classification as situated on the borderline between a semi-arid climate and humid subtropical climate. In August the daily average low temperature is 21 °C, the daily average high temperature 31 °C, and monthly average precipitation is 77 mm.

Currency Exchange

In China, only RMB is used. However, exchange centers can be found at airports, most hotels and large shopping centers. The rate of exchange is about US\$1.00 = RMB6.7 Yuan recently. When exchange money, please keep care your receipt by which you can change any remaining RMB back to foreign currency when you leaving China. Visa, Master, American Express, Diners Club, JCB and other credit cards are accepted in many department stores and hotels. But it might be difficult to draw cash with credit cards. The Bank of China and most hotels can cash traveler checks issued by any foreign bank or financial institution. Participants will need to show their passport and pay a three-percent commission. Travelers checks signed over to a third party cannot be cashed in China, but can be presented to collection through the Bank of China.

Reconfirmation Air Ticket

Departure air tickets (both international and domestic) should be reconfirmed 72 hours in advance by calling the related airline office.

PAYMENT

Payment on-site

The cash in RMB is acceptable. Personal checks are not acceptable for the payment.

DEADLINE

Before March 30, 2017

- Registration Form
- Abstract
- Hotel Reservation Form
- Visa Application Form

**Registration Form
EP'2017**

August 8-11, 2017

Xi'an International Conference Center, Xi'an, China

Secretariat use only Reg. No.

Title: ☐ Prof. ☐ Dr. ☐ Mr. ☐ Mrs. ☐ Miss

Name:

First name

Middle name

Family name

Affiliation:

Mailing Address:

Tel:

Fax:

E-mail:

Accompanying Person(s)

Name(s):

Paper details:

Title:

Authors:

Which session should be included in:

Session No

Signature:

Date (M/D/Y):

Deadline: Registration and Abstract: March 30, 2017

Please send this form to Secretariat ep2017@iccas.ac.cn

or fax to +86-10-8261 2857

Hotel Reservation Form

Title: ☐ Prof. ☐ Dr. ☐ Mr. ☐ Mrs. ☐ Miss

Name:

First name

Middle name

Family name

I plan to stay in Xi'an International Conference Center, Xi'an

Check-in: August _____, 2017; check-out: August _____, 2017; total _____ days.

Date leaving Xi'an: August _____, 2017.

Standard Room		Executive Room (2 m) (With breakfast for 1 person)
Twin Room (1.1 m X 2) (With breakfast for 2 persons)	Double Room (2.2 m) (With breakfast for 1 person)	
RMB526	RMB468	RMB648

Room	Room rate	Nights
<input type="checkbox"/> Standard Room: Twin Room (Breakfast for 2)	RMB526	
<input type="checkbox"/> Standard Room: Double Room (Breakfast for 1)	RMB468	
<input type="checkbox"/> Executive Room (Breakfast for 1)	RMB648	
<input type="checkbox"/> Sharing a room with Mr/Ms		

Extra breakfast RMB68 for _____ person.

Signature: _____

Date (M/D/Y): _____

Deadline: March 30, 2017

Please see related topics for detail.

Please send this form to Secretariat ep2017@iccas.ac.cn

or fax to +86-10-8261 2857

Visa Application Form

EP'2017

August 8-11, 2017

Xi'an International Conference Center, Xi'an

Secretariat use only
Reg. No.

1. Name

First name

Middle name

Family name

2. Sex ☐ Male ☐ Female 3. Birthday (M/D/Y) _____

4. Nationality _____ 5. Passport number _____

6. Passport issued at _____

7. Occupation & Institution

8. Permanent address

9. Mailing address

10. Tel _____ 11. Fax _____ 12. E-mail _____

13. Accompanying persons

Family name First name Sex Birthday Passport number Nationality

1) _____

2) _____

14. At which Chinese Embassy/Consulate you wish to apply for visa

Country _____ City _____

15. Where & when you wish to visit in China

Date City Host (Name & Unit) Address & Tel. No.

Signature:

Date (M/D/Y):

Deadline: March 30, 2017

Please see related topics for detail.

Please send this form to Secretariat ep2017@iccas.ac.cn

or fax to +86-10-8261 2857

CONTACT INFORMATION

For information about technical program and abstracts, please contact:

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E-mail: jydong@iccas.ac.cn

For registration, hotel reservation, visa application and further information please contact the Secretariat:

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Beijing 100190, China
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Fax: +86-10-8261 2857
E-mail: ep2017@iccas.ac.cn

Symposium web page:

<http://eplab.iccas.ac.cn/ep2017.html>

IMPORTANT DEADLINES

Before March 30, 2017

- Registration Form
- Abstract
- Hotel Reservation Form
- Visa Application Form

