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PC2012

June 2-6, 2012
Changchun, China

Symposium Themes:

1. Polymer Synthesis
2. Macromolecular
Architecture and
Supramacromolecules
3. Functional Polymers
4. Bio-related and Medical
Polymers
5. Structure and
Characterization of
Polymers

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International Symposium on Polymer Chemistry

PC2012, Changchun

June 2-6, 2012, Changchun
(2nd Announcement)

Organized by:

State Key Laboratory of Polymer Physics and Chemistry, China

Sponsored by:

National Natural Science Foundation of China (NSFC)
National Science Foundation, USA
Chinese Academy of Sciences (CAS)
Polymer Division, Chinese Chemical Society
American Chemical Society
Changchun Institute of Applied Chemistry, CAS
University of Massachusetts
BASF
Bayer
ChiMei
ExxonMobil
Henkel
SABIC
Total



Symposium website: <http://pc-conference.csp.escience.cn>



International Symposium on Polymer Chemistry

PC2012, June 2-6, 2012, Changchun, China

INVITATION

The International Symposium on Polymer Chemistry is an international meeting focused on polymer chemistry organized by the State Key Laboratory of Polymer Physics and Chemistry, China. It has become a platform for academic exchange for polymer scientists from all over the globe. Following the success of the previous four symposia (Changchun 2004, Dalian 2006, Hefei 2008, and Suzhou 2010), the 5th meeting in the series, PC2012, will return to Changchun in June 2012. We warmly welcome polymer scientists from around the world to join us, and we anticipate that your participation contribute to the success of PC2012.

ORGANIZATION

Symposium Chair: Fosong Wang (China)

Co-Chairs: Hiroyuki Nishide (Japan), Thomas J. McCarthy (USA), Harm-Anton Klok (Switzerland)

International Advisory Committee:

Ann-Christine Albertsson, Sweden

Yong Cao, China

Geoffrey W. Coates, USA

Jan Feijen, Netherlands

Zhibin Guan, USA

Charles C. Han, China

James L. Hedrick, USA

Akira Harada, Japan

Yoshia Inoue, Japan

Ming Jiang, China

Jung-Il Jin, Korea

Timothy E. Long, USA

Krzysztof Matyjaszewski, USA

Caiyuan Pan, China

Coleen Pugh, USA

Jiacong Shen, China

Zhiquan Shen, China

Benzhong Tang, China

Gregory N. Tew, USA

Mitsuru Ueda, Japan

Karen L. Wooley, USA

Deyue Yan, China

Qifeng Zhou, China

Xi Zhang, China

Renxin Zhuo, China



Liao Dynasty Pagoda

Organizing Committee:

Co-Chairs: Lixiang Wang, Yuesheng Li, Yanhou Geng, Zhaohui Su

Members: Xuesi Chen, Yanxiang Cheng, Dongmei Cui, Jianhua Dong, Yanchun Han, Yubin Huang, Jin Ma, Tao Tang, Xianhong Wang, Zhiyuan Xie

Secretariat

Hui Tong, Guangping Su, Zhihua Ma

Language:

The official language is English.



Banruo Temple



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SYMPOSIUM THEMES

The symposium will focus on:

1. **Polymer Synthesis:** Polymerization methods, including new catalysts, various living/controlled polymerization, template polymerization, surface initiated polymerization, polymerization by biotechnology, etc.
2. **Macromolecular Architecture and Supramacromolecules:** Macromolecules with complex architecture, such as dendritic polymers, hyperbranched polymers and polymer brushes; self-assembly of macromolecule and macromolecular systems based on non-covalent bonds.
3. **Functional Polymers:** Conjugated polymers for optoelectronics and electronics; liquid crystalline polymers; dielectric polymers; encapsulation polymers, etc.
4. **Bio-related and Medical Polymers:** Bio-active, biocompatible and biodegradable polymers; polymers for medical application and tissue engineering; modification of natural polymers; polymers based on renewable resources.
5. **Structure and Characterization of Polymers:** Structure and properties of polymer single chains; structure and dynamics in crystalline, mesophase and amorphous states; composites and hybrid materials based on polymers; structures at different length-scales.

Key Dates

Second announcement on March 15, 2012

Submission of abstracts by **April 15, 2012**

Final announcement around May 1, 2012

Conference date: June 2-6, 2012



Tentative Schedule

Changchun World Sculpture Park

Date	Morning	Afternoon	Evening
June 2	Registration		Reception
June 3	Opening Remark, Plenary Lectures	Invited & Oral Presentations	Poster Session
June 4	Invited & Oral Presentations	Invited & Oral Presentations	Banquet
June 5	Invited & Oral Presentations	Invited & Oral Presentations	
June 6	Departure & Post-conference tour		



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CALL FOR PAPERS

Participants are invited to submit abstracts of their contributions no later than April 15, 2012. Authors should ensure that the topic is relevant and important to the chosen theme or sub-theme of the Symposium. Abstracts must be prepared in the template format as provided, and submitted electronically via e-mail to pc2012@ciac.jl.cn. The Abstract Template can be found on the Symposium website: <http://pc-conference.csp.escience.cn>. Each abstract is limited to 2 pages. Please do not send abstracts by Fax.

PRESENTATION INFORMATION

Oral Presentations

Invited lectures and oral presentations are allocated 25 and 20 min presentation time, respectively, including discussion. A computer and multimedia projector will be available in each meeting room.

Poster Presentations

A board of 90(W) x 120(H) cm will be allowed for each poster display.

REGISTRATION

Registration online services are provided at the website: <http://pc-conference.csp.escience.cn>. Registration can also be done by sending your registration form via email to pc2012@ciac.jl.cn.

Registration Fees (US \$)

Participant	\$500
Accompanying Person	\$300
Student	\$200

The registration fee for participants covers full scientific activities, all printed materials of the symposium, reception, meals and banquet.

The registration fee for accompanying persons covers reception, meals and banquet.



Changchun Movie Studio Century City



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About the Hotel and Transportation

The Redbuds Hotel (tel: (86) 431-85563333, or contact us directly) is conveniently located just cross the street from CIAC, where most activities will be held, and the organizing committee will make reservations for all registered participants. International participants can fly to Changchun Longjia International Airport. Detailed transportation information will be provided in the 3rd circular.

Brief Introduction to Changchun

Changchun is a young city with only 200 years' history. It is located at the heart of Songliao Plain in Northeast China, and is the capital city of Jilin province with a population of about 4 million. It is a Forest City, with 39% ground covered with green. The Jingyuetan National Forest Park, located at southeast Changchun with the largest manmade forest in Asia, is a natural oxygen bar, offering the citizen fresh air and comfortable habitats. Praised as the "Automobile City", Changchun is the cradle of Chinese automobile industry. FAW (First Automobile Works) Group here has the largest auto plant and R&D facilities in the country. Also known as the "Movie City", Changchun Movie Studio produced China's first motion picture, and currently is the biggest movie studio in the country. These together with other cultural relics such as Banruo Temple, Liao Dynasty Pagoda, and Puppet Emperor's Palaces attract thousands of tourists each year.

Further information can be found in: <http://en.changchun.gov.cn/>



Jingyuetan National Forest Park



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Plenary and Invited Speakers

Plenary Speakers

Prof. Robert H. Grubbs, California Institute of Technology
Prof. Katharina Landfester, Max Planck Institute for Polymer Research
Prof. Mitsuru Akashi, Osaka University

Invited Speakers

Prof. Adah Almutairi, University of California at San Diego
Prof. Matthew L. Becker, University of Akron
Prof. Zhishan Bo, Beijing Normal University
Prof. Geert-Jan Boons, University of Georgia
Prof. Kenneth R. Carter, University of Massachusetts Amherst
Prof. Kevin Cavicchi, University of Akron
Prof. Eugene Chen, Colorado State University
Prof. Wen-Chang Chen, National Taiwan University
Prof. Erqiang Chen, Peking University
Prof. Junwu Chen, South China University of Technology
Prof. Hongzheng Chen, Zhejiang University
Prof. Dong Hoon Choi, Korea University
Prof. T.C. Mike Chung, Pennsylvania State University
Prof. E. Bryan Coughlin, University of Massachusetts, Amherst
Prof. Alan R. Esker, Virginia Polytechnic Institute and State University
Prof. Holger Frauenrath, École Polytechnique Fédérale de Lausanne
Prof. Zhihua Gan, Institute of Chemistry, Chinese Academy of Sciences
Dr. Matthew I. Gibson, University of Warwick
Prof. Xiong Gong, University of Akron
Prof. Atsushi Goto, Kyoto University
Prof. Robert B. Grubbs, State University of New York, Stony Brook
Prof. Zhongwei Gu, Sichuan University
Prof. Junpo He, Fudan University
Prof. Andreas Herrmann, University of Groningen, the Netherlands
Prof. Chain-Shu Hsu, National Chiao Tung University
Prof. Fei Huang, South China University of Technology
Dr. Hongliang Huang, Total Petrochemicals South East Asia
Prof. Aleksandr V. Iakimanskii, Institute of Macromolecular Compounds of Russian Academy of Sciences
Prof. Alex K.-Y. Jen, University of Washington
Prof. Li Jia, University of Akron
Prof. Xinqiao Jia, University of Delaware
Prof. Xiqun Jiang, Nanjing University
Prof. Guoxin Jin, Fudan University
Prof. Jeremiah A. Johnson, Massachusetts Institute of Technology
Prof. Andrea M. Kasko, University of California Los Angeles
Dr. Anton Kiriy, Leibniz Institute of Polymer research Dresden
Prof. Harm-Anton Klok, École Polytechnique Fédérale de Lausanne
Prof. Sébastien Lecommandoux, Université Bordeaux 1/CNRS
Prof. Hongxiang Li, Shanghai Institute of Organic Chemistry, CAS
Prof. Liangbin Li, University of Science and Technology of China
Prof. Yuning Li, University of Waterloo
Prof. Haojun Liang, University of Science and Technology of China
Prof. Jiaping Lin, East China University of Science and Technology
Prof. Zhiqun Lin, Georgia Institute of Technology
Prof. Yao Lin, University of Connecticut
Prof. Dongsheng Liu, Tsinghua University
Prof. Junqiu Liu, Jilin University
Prof. Xiaogang Liu, National University of Singapore
Prof. Joachim Loo, Nanyang Technological University
Prof. Yunfeng Lu, University of California, Los Angeles
Prof. Christine Luscombe, University of Washington



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Invited Speakers

Prof. Jean-Francois Lutz, Institut Charles Sadron

Prof. Yuguo Ma, Peking University

Prof. Louis A. Madsen, Virginia Polytechnic Institute and State University

Prof. Thomas J. McCarthy, University of Massachusetts Amherst

Prof. Keiji Nagai, Tokyo Institute of Technology

Prof. Peihong Ni, Soochow University

Prof. Rachel K. O'Reilly, University of Warwick

Prof. Bradley D. Olsen, Massachusetts Institute of Technology

Prof. Kiyotaka Onitsuka, Osaka University

Prof. Itaru Osaka, Hiroshima University

Prof. Huisheng Peng, Fudan University

Prof. Coleen Pugh, University of Akron

Prof. Joseph B. Schlenoff, The Florida State University

Prof. Youqing Shen, Zhejiang University

Prof. An-Chung Su, National Tsing Hua University

Prof. Takeo Suga, Waseda University

Prof. Junqi Sun, Jilin University

Prof. Takayuki Suzuki, Tokyo Denki University

Prof. Atsushi Takahara, Kyushu University

Dr. Manabu Tanaka, Tokyo Metropolitan University

Prof. Yong Tang, Shanghai Institute of Organic Chemistry, CAS

Prof. Benzhong Tang, Hong Kong University of Science & Technology

Prof. Chuangbing Tang, University of South Carolina

Prof. Ye Tao, Institute for Microstructural Sciences, National Research Council Canada

Prof. Gregory N. Tew, University of Massachusetts Amherst

Prof. Alexander A. Trifonov, Institute of Organometallic Chemistry of Russian Academy of Sciences

Prof. Mitsuru Ueda, Tokyo Institute of Technology

Prof. Qian Wang, University of South Carolina

Prof. Wayne Z.Y. Wang, Carleton University

Prof. Changchun Wang, Fudan University

Prof. Wei Wang, Nankai University

Prof. Xiaogong Wang, Tsinghua University

Prof. James J. Watkins, University of Massachusetts Amherst

Prof. Tanja Weil, Ulm University

Prof. Mitchell A. Winnik, University of Toronto

Prof. Wai-Yeung Wong, Hong Kong Baptist University

Prof. Jishan Wu, National University of Singapore

Prof. Chi Wu, The Chinese University of Hong Kong

Prof. Jian Xu, Institute of Chemistry, CAS

Prof. Ting Xu, University of California, Berkeley

Prof. Hiroyasu Yamaguchi, Osaka University

Prof. Shouke Yan, Beijing University of Chemical Technology

Prof. Zhenzhong Yang, Institute of Chemistry, CAS

Prof. Bai Yang, Jilin University

Prof. Yezi You, University of Science and Technology of China

Prof. Qingsong Yu, University of Missouri

Dr. Wenbin Zhang, California Institute of Technology

Prof. Wenke Zhang, Jilin University

Prof. Xianzheng Zhang, Wuhan University

Prof. Hanying Zhao, Nankai University

Prof. Dahui Zhao, Peking University

Prof. Zhiyuan Zhong, Soochow University

Prof. Yongfeng Zhou, Shanghai Jiao Tong University

Prof. Julian X. Zhu, University of Montreal