

**KOREA-CHINA JOINT POLYMER SYMPOSIUM SEOUL, KOREA,  
MAY 11-12, 1995**

장 소 : 서울대학교 호암생활관  
일 시 : 1995년 5월 11~12일  
등록비 : Symposium 무료  
Reception 20,000원

MAY 11(Thu.)		MAY 12(Fri.)			
9 : 30	Opening Ceremony Rm 1		SESSION I-4 Optoelectronics	SESSION II-4 Composites	9 : 30
10 : 00	SESSION I-1 Chem.(1) Rm 1	SESSION II-1 Physics(1) Rm 2	Rm 1	Rm 2	
12 : 05	Lunch		Lunch		12 : 00
13 : 20	SESSION I-2 Chem.(2) Rm 1	SESSION II-2 Blends Rm 2	SESSION I-5 Membranes & Chem. Rm 1	SESSION II-5 Liquid Crystals Rm 2	13 : 20
15 : 00	Coffee Break		Coffee Break		15 : 25
15 : 30	SESSION I-3 Chem.(3) Rm 1	SESSION II-3 Physics(2) Rm 2	Coffee Break		15 : 55
16 : 50	Pannel Discussion I Pannel Discussion II Pannel Discussion III Rm 1		SESSION I-6 Chem.(4) Rm 1	SESSION II-6 Physics(3) Rm 2	17 : 35
18 : 20			Closing Ceremony Rm 1		
	Reception				

## SCIENTIFIC PROGRAM

### MAY 11, THURSDAY

- 9 : 30            **Opening Ceremony**  
                    Welcome : Man Jung Han(Korea)  
                                    Reyuan Qian(China)
- SESSION I-1            POLYMER CHEMISTRY(1)**  
                            Chair : Baotong Huang, Sam-Kwon Choi
- 10 : 00            **Baotong Huang**  
                            Changchun Institute of Applied Chemistry, Academia Sinica, Changchun  
                            *"Function of MAO and Binuclear Metallocene Catalysts in Ethylene Polymerization"*
- 10 : 25            **Sam-Kwon Choi**  
                            Department of Chemistry, Korea Advanced Institute of Science & Technology, Taejon  
                            *"Synthesis and Characterization of Novel Side Chain NLO Polymers Based on Poly(1,6-Heptadiyne) Derivatives"*
- 10 : 50            **Shijing Xiao**  
                            Institute of Chemistry, Academia Sinica, Beijing  
                            *"Copolymerization of Ethylene with Higher Olefins using Zirconocene Catalyst"*
- 11 : 15            **Dong-ho Lee**  
                            Dept. of Polymer Sci., Kyungpook National University, Taekoo  
                            *"Ethylene and Styrene Polymerizations with Siloxane-Bridged Dinuclear Metallocenes"*
- 11 : 40            **Won-Jei Cho**  
                            Dept. of Polymer Sci. & Eng., Pusan National University, Pusan  
                            *"Synthesis and Biological Activities of Polymers Containing Tetrahydrophthalic Moiety"*
- 12 : 05~13 : 20    **Lunch**
- SESSION I-2            POLYMER CHEMISTRY(2)**  
                            Chair : Kunyuan Qiu, Iwhan Cho
- 13 : 20            **Kunyuan Qiu**  
                            Dept. of Chemistry, Peking University, Beijing  
                            *"Grafting Reaction of Functionalized Polystyrene Beads with Ceric Ion"*
- 13 : 45            **Iwhan Cho**  
                            Dept. of Advanced Materials Eng., Korea Advanced Institute of Science & Technology, Seoul  
                            *"Polymeric Stable Vesicle Systems : Search for Biologically Compatible Polymeric Vesicle Systems"*
- 14 : 10            **Bailing Liu**  
                            State Key Laboratory of Polymer Materials Engineering, Chengdu University of Science & Technology, Chengdu  
                            *"A Study on the Effect of Molecular Complexation on Biodegradation of PVA"*
- 14 : 35            **Jung Rim Haw**  
                            Dept. of Industrial Chem., Kon-Kuk University, Seoul  
                            *"A Study on the Mechanical Properties of Modified Cellulose/LDPE Composite"*
- 15 : 00~15 : 30    **Coffee Break**

**SESSION I-3****POLYMER CHEMISTRY(3)**

Chair : Shenguo Wang, Choon Ho Do

- 15 : 30      **Shenguo Wang**  
Institute of Chemistry, Academia Sinica, Beijing  
*"Mechanisms of Polymerization and Degradation of Polycaprolactone-polyether Block Copolymer"*
- 15 : 55      **Choon Ho Do**  
Dept. of Polymer Sci. & Eng., Sunchon University, Sunchon  
*"Modification of Poly(DADMAC)"*
- 16 : 20      **Lee Soon Park**  
Dept. of Polymer Science, Kyungpook National University, Taekoo  
*"Synthesis and Thermal Properties of ran-Copoly(p-Phenylene/Biphenylene Sulfide)s"*

**PANNEL DISCUSSION**

Chair : Man Jung Han

- 16 : 50      **Pannel Discussion-I**  
**Renyuan Qian**, Institute of Chemistry, Academia Sinica, Beijing  
*"Introduction of Polymer R&D of China"*
- 17 : 20      **Pannel Discussion-II**  
**Jin Chul Jung**, Dept. of Material Science & Engineering, Pohang University of Science & Technology, Pohang  
*"Introduction of Polymer R&D of Korea"*
- 17 : 50      **Pannel Discussion-III**  
**Youn Sik Kim**, Vice President, Yukong Ltd.  
*"Introduction of Polymer Industries of Korea"*
- 18 : 20      **Reception**

**SESSION II-1****POLYMER PHYSICS(1)**

Chair : Renyuan Qian, Sung Chul Kim

- 10 : 00      **Renyuan Qian**  
Institute of Chemistry, Academia Sinica, Beijing  
*"On the Origin of Stress Peak in Uni-axial Stretching of Amorphous Polymers"*
- 10 : 25      **Sung Chul Kim**  
Dept. of Chem. Eng., Korea Advanced Institute of Science & Technology, Taejeon  
*"Phase Separation during Curing of PEI Modified Epoxy Resin"*
- 10 : 50      **Zhongde Xu**  
Dept. of Polymer Sci. & Tech., East China University of Science & Technology, Shanghai  
*"Effect of Deuteration on Polymer Chain Dimension"*
- 11 : 15      **Kookheon Char**  
Dept. of Chemical Eng., Seoul National University, Seoul  
*"Physical Properties of Thermoplastic Ternary Blends"*
- 11 : 40      **Shanjun Li**  
Dept. of Macromolecular Science, Fudan University, Shanghai  
*"Physical Aging Studies of Polysiloxane Modified Epoxy Resin"*

12 : 15~13 : 20 **Lunch**

**SESSION II-2 POLYMER BLENDS**

Chair : Zhiliu Feng, Kwang Ung Kim

- 13 : 20 **Zhiliu Feng**  
Changchun Institute of Applied Chemistry, Academia Sinica, Changchun  
*"Miscibility, Microstructure and Dynamics of Homopolystyrene/SB Block Copolymer Blends"*
- 13 : 45 **Kwang Ung Kim**  
Division of Polymer Science and Engineering, Korea Institute of Science and Technology, Seoul  
*"Effect of Polyesterimides on the Physical Properties of Polyetherimide/TLCP Blends"*
- 14 : 10 **Rongtang Ma**  
Dept. of Chemistry, Jilin University, Changchun  
*"Study on Poly(ether sulfone)/Poly(phenylene sulfide) Blends"*
- 14 : 35 **Chang-Gi Cho**  
Dept. of Textile Eng., Hanyang University, Seoul  
*"Graft Copolymer as a Compatibilizer in a Partially Miscible Polymer Blend"*
- 15 : 00~15 : 30 **Coffee Break**

**SESSION II-3 POLYMER PHYSICS(2)**

Chair : Ming Jiang, Jang Oo Lee

- 15 : 30 **Ming Jiang**  
Dept. of Macromolecular Science, Fudan University, Shanghai  
*"The Solution Properties and Complexation Behavior of Block Ionomers"*
- 15 : 55 **Jang-oo Lee**  
Dept. of Polymer Sci. & Eng., Pusan National University, Pusan  
*"Molecular Conformation and Non-Newtonian Viscosity Behavior of Poly(L-proline) in Various Solvent Systems and its Complex Formation with Acidic Biopolymers"*
- 16 : 20 **Chang Sik Ha**  
Dept. of Polymer Sci. & Eng., Pusan National University, Pusan  
*"Miscibility of Maleic Anhydride-Grafted Polypropylene and Sulfonated EPDM Ionomer Blends"*

**MAY 12, FRIDAY**

**SESSION I-4 OPTOELECTRICAL POLYMERS**

Chair : Fumian Li, Hong Ku Shim

- 9 : 30 **Fu-Mian Li**  
Dept. of Chemistry, Peking University, Beijing  
*"Polymerically Modified Fullerenes and the Photochemical Behavior Thereof"*
- 9 : 55 **Tae Ho Kim**  
Dept. of Polymer Sci. & Eng., Sung Kyun Kwan University, Suwon  
*"Synthesis of Photosensitive Poly[N-(substituted)maleimide]"*

- 10 : 20           **Qi Wang**  
State Key Laboratory of Polymer Materials Eng., Chengdu Univ. of Sci. & Tech., Chengdu  
"A Study on a New Polymer Solid Electrolyte with Enhanced Ionic Conductivity"
- 10 : 45           **Hong-Ku Shim**  
Dept. of Chemistry, Korea Advance Institute of Science & Technology, Taejon  
"Synthesis and Blue Light-Emitting Properties of the Polymers with Well-Defined Conjugation Length"
- 11 : 10           **Mingcai Chen**  
Guangzhou Institute of Chemistry, Academia Sinica, Guangzhou  
"Single Ion Conducting Polymeric Solid Electrolyte Based on Sulfonated Poly(phenylene oxide)"
- 11 : 35           **Nakjoong Kim**  
Division of Polymer Science & Technology, Korea Institute of Science & Technology, Seoul  
"Thermally Stable NLO Polymers"

12 : 00~13 : 20   **Lunch**

**SESSION I-5                   MEMBRANES & POLYMER CHEMISTRY**

Chair : Shangan Lin, Kil-Yeong Choi

- 13 : 20           **Shangan Lin**  
Institute of Polymer Science, Zhongshan University, Guangzhou  
"Novel Cobalt(II) Complex Ionomer Membranes with Oxygen Facilitated Transport Property"
- 13 : 45           **Young Moo Lee**  
Dept. of Industrial Chemistry, Hanyang University, Seoul  
"Dynamics of Solvent Diffusion and Thermal Properties of Aromatic Polyimide"
- 14 : 10           **Yun-xiang Zhang**  
Shanghai Institute of Organic Chemistry, Academia Sinica, Shanghai  
"Perfluorosulfonated Ionomer Membrane-Synthesis and Properties of Siocfion"
- 14 : 35           **Kil-Yeong Choi**  
High-Performance Polymer Lab., Korea Research Institute of Chemical Technology  
"New Synthetic Approaches on Polyamideimide(PAI)"
- 15 : 00           **Ji Young Chang**  
Dept. of Applied Chemistry, Ajou University, Suwon  
"Star-Branched and Cross-Linked Polymers with Cyclotriphosphazene Cores"

15 : 25~15 : 55   **Coffee Break**

**SESSION I-6                   POLYMER CHEMISTRY(4)**

Chair : Xiangzheng Kong, Jung Hyun Kim

- 15 : 55           **Xiangzheng Kong**  
Dept. of Chemistry Shandong University, Jinan  
"Preparation of Polyacrylate/Polysiloxane Core/Shell Latice and its Characterization"
- 16 : 20           **Jung-Hyun Kim**  
Dept. of Chem. Eng., Yonsei University, Seoul  
"The Controlled Agglomeration Mechanism of S/B Latex by Carboxylated Model Colloid"

16 : 45           **Qin Yuan**  
Dept. of Chemistry, Shandong University, Jinan  
*"Seeded Emulsion Polymerization of VA-MA Initiated by 2,2'-Azobisisobutyronitrile"*

17 : 10           **Kap Seung Yang**  
Dept. of Textile Eng., Chonnam National University, Kwangju  
*"Chemical Modification and Fiber Formation of Coal Tar Pitch"*

17 : 35           **Closing Ceremony**

**SESSION II-4           POLYMER COMPOSITES**  
Chair : Zongneng Qi, Hyeok-jong Joo

9 : 30           **Zongneng Qi**  
Institute of Chemistry, Academia Sinica, Beijing  
*"Studies on Polyimide-Silica Nanocomposite by Sol-Gel Process"*

9 : 55           **Hyeok-jong Joo**  
Dept. of Polmer Sci. & Eng., Chungnam National University, Taejon  
*"Pitch-based Processing of 4-D Carbon/Carbon Composites"*

10 : 20          **Bai Yang**  
Dept. of Chemistry, Jilin University, Changchun  
*"Composite Film and Composite Bulk of Inorganic Nanoparticles"*

10 : 45          **Jyongsik Jang**  
Dept. of Chemical Tech., Seoul National University, Seoul  
*"Interfacial Modification of Ultra High Modulus Polyethylene Fiber/Vinly Ester Composite"*

11 : 10          **Deyan Shen**  
Institute of Chemistry, Academia Sinica, Beijing  
*"Fourier-Transform Infra-Red Studies on Poly(ethylene 2,6-naphthalenedicarboxylate)"*

16 : 45          **Hyung Jin Choi**  
Dept. of Polymer Sci. & Eng., Inha University, Inchon  
*"Drag Reduction by Polymer and Surfactant Mixture System"*

12 : 00~13 : 20   **Lunch**

**SESSION II-5           LIQUID CRYSTALLINE POLYMERS**  
Chair : Shouxi Chen, Jung-II Jin

13 : 20          **Shouxi Chen**  
Institue of Chemisty, Academia Sinica, Beijing  
*"Studies on Structure in Oriented Film of a Chiral Side Chain Liquid Crystalline Polymer"*

13 : 45          **Jung-II Jin**  
Dept. of Chemistry, Korea University, Seoul  
*"Liquid Crystalline Polyesters"*

14 : 10          **Yuliang Yang**  
Dept. of Macromolecular Science, Fudan University, Shanghai  
*"External Magnetic Field Effect on the Director Tumbling of Rod-like Polymers under Shear Flow"*

- 14 : 35            **Kyung Y. Park**  
 Opto-Device Lab., Samsung Advanced Institute of Technology, Suwon  
*"Advanced Materials for Optical Recording Media"*
- 15 : 00            **Kyo Jin Ihn**  
 Dept. of Chemical Eng., Kangwon University, Choonchun  
*"Crystallization Behavior of Poly(3-alkylthiophene) Molecules"*
- 15 : 25~15 : 55   **Coffee Break**
- SESSION II-6            POLYMER PHYSICS(3)**  
 Chair : Liban Chen, Tae Hyun Chang
- 15 : 55            **Li-Ban Chen**  
 Guangzhou Institute of Chemistry, Academia Sinica, Guangzhou  
*"A New Correlation Trial Method for Molecular Weight Determination by GPC and Viscosity Data"*
- 16 : 20            **Taihyun Chang**  
 Dept. of Chemistry, Pohang University of Science & Technology, Pohang  
*"Characterization of Polymer Mixtures by Size Exclusion Chromatography with Multiple Detection"*
- 16 : 45            **Zhen Tong**  
 Research Institute of Materials Science, South-China Univ. of Sci. & Tech., Guangzhou  
*"Swelling Behavior of Strongly Dissociative Polyelectrolyte Gels in Some Organic Solvents"*
- 17 : 10            **Il Hyun Park**  
 Dept. of Polymer Sci. & Eng., Kum-Oh National Univ. of Tech.  
*"Conformation Change of a Polymer Chain near the Critical Temperature-Viscosity Measurement"*
- 17 : 35            **Closing Ceremony**  
 Man Jung Han, Reyuan Qian

## '95 플라스틱 실용화 기술 Forum 안내

한국고분자학회와 한국플라스틱공업협동조합이 공동으로 주최하는 플라스틱 실용화기술 Forum을 다음과 같이 안내합니다. 회원 여러분의 많은 참석바랍니다.

- 일 시 : 1995년 6월 22일(목)~23일(금)
- 장 소 : 국립공업기술원 중강당
- 발표내용 : 고분자의 가공기술, 환경기술 등 실용적이며 현재 쟁점의 대상이 되는 분야
- 연 락 처 : 한국플라스틱공업협동조합(275-7991) 혹은 학회

## International Conference on Advanced Materials '95 안내

Material Research Society 주최의 ICAM95를 다음과 같이 안내합니다.

- 일 시 : 1995년 8월 27일~9월 1일
- 장 소 : Cancun, Mexico
- 분 야 : 고분자를 포함한 신소재 전분야
- 초록마감 : 1995년 5월 31일
- 초록제출처 : Miguel Hose Yacaman  
Instituto de Fisica, UNAM  
A. P. 20-364, Delegacion Alvaro Obregon  
01000 Mexico, D. F. Mexico
- 문 의 : KIST 김동영(958-5323) 혹은 학회

## 국제학회참가 단체할인 안내

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