

## 2nd East Asian Symposium on Polymers for Advanced Technology

1999년 8월 22일(일)부터 27일(금)까지 설악산 설악파크호텔에서 “제2회 동아시아 첨단기술 고분자 심포지움(2nd EASPAT)”이 열립니다. 이 심포지움은 러시아를 포함하는 동아시아지역(러시아, 중국, 일본) 고분자 과학기술자들이 2년을 주기로 한자리에 모여 고분자과학과 관련 첨단기술을 토론하는 장으로 기획되었습니다. 1991년에 처음으로 러시아 모스크바에서 개최되었고 연이어 중국 북경(1993), 일본 삿포로(1995)에서 열렸습니다. 1997년 중국의 신강성 우루무치에서 열린 심포지움에 한국이 참여하면서 주최측에서 “제1회 동아시아 첨단기술 고분자 심포지움(1st EASPAT)”이라고 명명하였습니다.

이 심포지움에는 각국에서 10명의 연사가 초청되며, 초청연사들만 발표하게 되어 있습니다. 그러나 관심있는 분이면 누구나 참여할 수 있습니다.

### 심포지움 의장

김은영, 한국과학기술연구원

### 심포지움 공동의장

Fosong Wang, Chinese Academy of Science, China

Eishun Tsuchida, Waseda University, Japan

Victor A. Kabanov, M. Lomonosov Moscow State University, Russia

### 초청연사 및 발표제목

#### ■ Functional Polymers

**F. Wang**, Chinese Academy of Sciences

*To be decided*

**X. Wang**, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences

*To be decided*

**Y. Kurusu**, Sophia University

*Immobilization of oxidizer-groups on the organic-inorganic hybrid polymers*

**T. Miyamoto**, Kyoto University

*Synthesis of well-defined amphiphilic polymacromonomers having glucose residues*

**S. Nakahama**, Tokyo Institute of Technology

*Stereospecific anionic polymerization of N, N-dialkyl acrylamide*

**V. I. Gerasimov**, M. Lomonosov Moscow State University

*Thermoreversible gels of high molecular poly(acrylonitrile)*

**A. N. Ozerin**, Institute of Synthetic Polymer Materials, Russian Academy of Sciences

*Nano-scaled ordering phenomena within high branch macromolecules*

**P. M. Valetsky**, A. Nesmeyanov Institute of Elemento-Organic Compounds, Russian Academy of Sciences

*Interaction of block copolymer micelles with surfactant molecules in aqueous media*

**J. -I. Jin**, Department of Chemistry, Korea University

*Luminescence properties of novel PPV derivatives*

**N. Kim**, Electronic Materials and Devices Research Center, KIST

*Organic materials for nonlinear optical applications*

## ■ Bio-related Polymers

**X. Jing**, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences

*To be decided*

**S. Wang**, Institute of Chemistry, Chinese Academy of Sciences

*A new biodegradable polymer-polycaprolactone/polylactide/poly(ethylene oxide) tri-component random block copolymer*

**R. Zhuo**, Department of Chemistry, Wuhan University

*Syntheses and drug controlled release properties of phosphate copolymers*

**T. Okano**, Tokyo Womans Medical College

*Stimuli-responsive polymers and their biomedical applications*

**Y. Osada**, Hokkaido University

*Intelligent gels-their dynamism and functions*

**E. Tsuchida**, Waseda University

*Trapping procedure of O<sub>2</sub> from atmosphere into aqueous phase by using lipidheme*

**V. A. Berestnev**, Rubber and Latex Research Institute

*New polymer gels for medical application*

**V. A. Kabanov**, M. Lomonosov Moscow State University

*The DNA compaction as the inherent property of double helix*

**W. J. Cho**, Department of Polymer Science and Engineering, Pusan National University

*Synthesis and antitumor activities of poly(tetrahydrophthalimido-ethanoyl-5-fluorouracil) derivatives*

**U. Y. Kim**, Biomaterials Research Center, KIST

*To be decided*

**M. J. Han**, Department of Applied Chemistry, Ajou University

*Polymeric enzyme models*

**Y. K. Sung**, Department of Chemistry, Dongguk University

*Development of biodegradable polymers for biomedical applications*

## ■ High Performance Polymers

**W. Gao**, Institute of Chemistry, Chinese Academy of Sciences

*High performance silicone rubber*

**M. Xu**, Institute of Chemistry, Chinese Academy of Sciences

*Mesomorphic behavior and intramolecular interactions of polymers*

**R. Zhang**, Institute of Chemistry, Chinese Academy of Sciences

*Sieve-plate-like polymer and its supramolecular clathrate*

**T. Nishi**, The University of Tokyo

*Effect of small amount of foreign polymer on electrical behavior of crystalline polymer composites*

**E. Yashima**, Nagoya University

*Synthesis and function of helical polyphenylacetylenes*

**V. Ye. Ioudine**, Institute of Macromolecular Compounds, Russian Academy of Sciences

*New polymers for advanced composites*

**I. Ye. Kardash**, Karpov Institute of Physical Chemistry

*High thermostable polymers with low dielectric constants*

**E. V. Prut**, N. Semenov Institute of Chemical Physics, Russian Academy of Sciences

*Thermoplastic vulcanizates*

**A. B. Zezin**, M. Lomonosov Moscow State University

*The self assembly phenomena in ternary systems crosslinked polyelectrolyte-linear polyelectrolyte-surfactant*

**C. R. Choe**, Polymer Hybrids Research Center, KIST

*Polymer matrix composites with gradient structures*

**S. C. Kim**, Department of Chemical Engineering, KAIST

*Properties of semi-IPNs having morphology spectrum*

## ■ Novel Polymer Synthesis

**Y. Chen**, Institute of Polymer Science, Zhongshan University

*Synthesis of waterborne polyurethane/polyacrylate dispersions for use as UV-curable coatings*

**G. Jin**, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences

*To be decided*

**M. Kamachi**, Fukui Institute of Technology

*New polymer synthesis by radical/ion transformation polymerization*

**H. Tamura**, Kansai University

*Preparation of alginate fiber mixing with phosphoryl chitin for biomedical application*

**G. M. Tseitlin**, D. Mendeleyev University of Chemical Technology of Russia

*Polyisocyanates: architecture and properties*

**J. C. Jung**, Department of Materials and Engineering, Pohang University of Science and Technology

*Polypyromellimides with 3,6-disubstituents*

**W. S. Kim**, Department of Polymer Science, Kyungpook National University

*Synthesis and properties of polymers containing rosin moiety*

**G. Karpacheva(reserved)**, Petrochemical Synthesis Institute, Russian Academy of Sciences

*The structure and properties of IR-pyrolized composite films of polyacrylonitrile and fullorrence*

## 참가비

50,000원(연회 및 심포지움 proceeding)

## 참가신청 마감

참가를 원하는 사람은 아래의 연락처로 **1999년 5월 31일**까지 등록하여주시기 바랍니다.

신청시 **설악파크호텔의 투숙여부**도 함께 알려 주십시오. 하루 숙박비는 다음과 같습니다.

1인 1실 : 65,000원/1인, 2인 1실 : 32,500원/1인

## 연락처

**최철립**, 한국과학기술연구원 고분자하이브리드 연구센터

서울 성북구 하월곡동 39-1 (우)136-791

TEL : (02)958-5331, FAX : (02)958-5308

e-mail : crchoe@kistmail.kist.re.kr