Host City, Daejeon

Located in the center of South Korea, Daejeon serves as a hub of transportation and is at the crossroads of major transport routes. Daejeon is one of South Korea’s administration hubs with the Daejeon Government Complex. Currently, 12 national government offices are located in Daejeon.

Daejeon has 18 universities including Hannam University, KAIST (Korea Advanced Institute of Science and Technology), Chungnam National University, Hanbat National University, and UST (Korea University of Science and Technology). Daejeon has earned its name as “Asia’s Silicon Valley” and “High technology city”. Daedeok Innopolis (Daedeok Research and Development Special Zone) is composed of 28 government-funded research institutions as well as 79 private research institutes with as many as 20,000 researchers. The research institutes and universities in Daedeok Valley have spun off multiple startups. Korea has invested heavily in building up the research expertise for over thirty years, creating long-term research programs. There are over 7,000 Ph.D researchers in the sciences in Daedeok and it had the most application for patents during 2000–2011 among the National Industrial Complex.

Researchers and businessmen work in the fields of telecommunications, nanofabrication, biotechnology, water, nuclear and hydro power, nuclear fusion, design, measurement technologies, mechanical engineering, fuel cells, aeronautics, new materials, robotics, new drugs and environmental technologies. Daedeok Innopolis’ membership includes 898 corporations, 35 government invested and sponsored institutions; 6 universities; 15 public organizations.

How to Get to Daejeon

Route 1: Inchon Int’l Airport → Daejeon Station (KTX)
Route 2: Inchon Int’l Airport → Seoul Station → Daejeon Station (KTX)
Route 3: Inchon Int’l Airport → Daejeon Express Bus Terminal (Limousine Bus)
Route 4: Gimpo Int’l Airport → Daejeon Express Bus Terminal (Express Bus)
Route 5: Gimpo Int’l Airport → Seoul Station → Daejeon Station (KTX)

ICFPAM 2016 Secretariat
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Welcome Message

We extend a warm welcome to all participants of the 14th International Conference on the Frontiers of Polymers and Advanced Materials (14th ICFPAM) to Daejeon on behalf of the Organizing committee and the International committee. Especially this year, to commemorate the 60th anniversary, Hannam University hosts upcoming ICFPAM. The ICFPAM series of conferences over the years facilitated the coming together of scientists, engineers and business leaders to discuss multidisciplinary aspects of macromolecular science. We hope to carry on this tradition with the 14th ICFPAM and has assembled an impressive assembly of plenary, keynote and invited speakers. This year attendees include Professor Akira Suzuki (Nobel Laureate in Chemistry 2010), Professor Paras N. Prasad - SUNY Distinguished Professor at the University at Buffalo, Prof. Jürgen Rühe, University of Freiburg, Germany and Professor Kilwon Cho, Pohang University of Science and Technology in addition to several distinguished scientists as Keynote speakers and over 150 Invited Speakers.

The program of the conference would focus on current and emerging trends in polymer science and advanced materials, as well as their applications. The broad themes addressed during the conference include synthesis and properties of advanced materials, advanced materials for nanophotonics and biophotonics, polymers and hybrid materials for electronics and photonics, organics and polymers for solar cells as well as thermoelectric energy conversion, nano-scale and nanostructured materials and devices, new materials and devices for defense technology, biomaterials and biotechnology, and natural fibers.

Daejeon with a population of about 1.5 million people is the fifth largest city in South Korea and is a major center for research and development activities. The science city of Daejeon (Daedeok Innopolis) was established with the aim of fostering both fundamental and applied science in Korea and comprises 18 universities, 29 government research institutes and about 79 private research centers. It is a great pleasure for us to host you in Daejeon during the 14th ICFPAM and hope that you enjoy the stimulating scientific discussion and networking with top scientists during the conference.

Plenary Speakers

- Prof. Akira Suzuki (2010 Nobel Laureate in Chemistry) Hokkaido University, Japan
- Prof. Jürgen Rühe (Vice President) Department of Microsystem Engineering, University of Freiburg, Germany
- Prof. Paras N. Prasad (Samuel P. Capen Chair Professor) Director, Institute for Lasers, Photonics and Biophotonics, University at Buffalo, SUNY, USA
- Prof. Kilwon Cho (President, Polymer Society of Korea) Pohang University of Science and Technology (POSTECH), South Korea

Abstract Submission Guideline

Deadline: September 20, 2016

ICFPAM 2016 cordially invites you to submit abstracts through the online abstract submission system (both PDF and MS Word format). Number of pages allowed for ICFPAM 2016 is 1 Page. No more pages or materials as a final manuscript need to be submitted. Abstracts received by September 20, 2016 will be considered under the standard review procedure. Submitted abstracts must be original and should not have been published previously or be under consideration for publication.

Conference Proceedings

All of the accepted abstracts will get the chance to submit their papers to 3 journals as below. Detailed information will be appeared at the ICFPAM 2016 website:

- Optical Materials Express
- Molecular Crystals/Liquid Crystals
- Display and Imaging

ICFPAM 2016 Topics & Session Organizer

1. General and Tutorial Lectures on New Materials and Advanced Technologies
   Prof. Franzois Kajar (Université Grenoble Alpes, France)
   Dr. Changin Lee (KRICT, Korea)
   Dr. Eun Kyung Choe (KAIST, Korea)

2. Advanced Materials for Nanophotonics and Biophotonics
   Prof. Jean-Michel Natan (Queen’s University, Canada)
   Dr. Chantal Andraud (ENS-Lyon, France)
   Dr. Kooja Tamada (Kyushu Univ., Japan)
   Dr. Sehoon Kim (KIST, Korea)

3. Polymers and Hybrid Materials for Practical Electronics and Photonics
   Prof. Soo Young Park (Seoul Nat’l Univ., Korea)
   Prof. Jae-Won Ka (KAIST, Korea)
   Prof. Tae-Woo Lee (POSTECH, Korea)
   Prof. Do-Hoon Hwang (Pusan Nat’l Univ., Korea)

4. Organics and Polymers for Energy Conversion and Storage
   Prof. Alex K.Y. Jen (Univ. of Washington, USA)
   Prof. Eunkyoung Kim (Yonsei Univ., Korea)
   Prof. Do-Hoon Hwang (Pusan Nat’l Univ., Korea)

5. Nano-scale and Nanostructured Materials and Devices
   Prof. Hong-Bon Sun (Jilin Univ., China)
   Prof. Hitoshi Okawa (Tohoku Univ., Japan)
   Prof. Tewodros Arefa (The State Univ. of New Jersey, USA)
   Dr. Eul Son Kang (KIST, Korea)

6. New Materials, Mechanics, and Devices for Defence Technology
   Prof. Misoon Mah (Auckland, USA)
   Prof. Sunwoo Cho (Hannam Univ., Korea)
   Dr. Charles Lee (AFOSR, USA)
   Prof. Dae Hee Lee (ADD, Korea)

7. Biomaterials and Biotechnology
   Prof. Jin Ho Lee (Hannam Univ., Korea)
   Prof. Soo Young Park (KAIST, Korea)
   Prof. Sunwoo Cho (Hannam Univ., Korea)
   Prof. Sang Ouk Kim (POSTECH, Korea)

8. Natural Fibers - New Areas of Advanced Products in 21st Century
   Prof. Ryszard Koziolowski (ESCORNA, Poland)
   Prof. Hosam El-Sayed (NRC, Egypt)
   Prof. Tae-Dong Kim (Seoul Nat’l Univ., Korea)
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