Hydrogels based on Molecular Self-assembly Combined Studies of Structure and Rheology
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Publication date:
2014

Document Version
Early version, also known as pre-print

Citation for published version (APA):
**Conference Scope**

This conference is the joint symposium of the 22nd Polymer Networks Group Meeting (PNG) and the 10th international gel symposium (GelSympo) sponsored by Institute for Solid State Physics, The University of Tokyo. Scientific topics of this meeting will include all areas of polymer networks and gels, with special emphasis on:

- Polymer network (Rubber, thermostet, gel, biomaterial, food)
- Chemistry (novel gel, novel crosslinking, characterization)
- Physical chemistry (sol-gel transition, gelation/vitrification, volume phase transition)
- Physics (theory and/or simulation of elasticity, gelation, etc.)
- Engineering (Responsive gel, bio-application, biomimetics, food science)
- New materials (Liquid crystal gel, ion gel)

More than 20 excellent scientists will be invited from Asia, Europe, and America to the symposium. Besides, contributed oral and poster presentation will be programmed.

**Committees**

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- Dusek, Karel (Inst. Macromol. Chem., Czech Republic)
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- Leibler, Ludwik (ESPCI, France)
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- Osada, Yoshihito (Yoshihito Osada, Riken, Japan)
- Rubinstein, Michael (Univ. of North Carolina, USA)
- Takahara, Atsushi (Kyushu Univ., Japan)
- Wu, Chi (Chinese Univ. Hong Kong, Hong Kong)

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- Yoshida, Ryo (Univ. Tokyo; RGPG-SPSJ)
- Miyata, Takashi (Kansai Univ.; RGPG-SPSJ)
- Nagasaki, Kiyuki (Tsukuba Univ.; RGPG-SPSJ)
- Horkay, Ferenc (NIH; PNG)
- Patrickios, Costas (Univ. Cyprus, Cyprus; PNG)
- Takata, Toshikazu (Tokyo Inst. Tech.; RGPG-SPSJ)
- Maitra, Uday (Indian Inst. Sci., India; PNG)

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- Shibayama, Mitsuhiro (Univ. Tokyo; PNG/RGPG-SPSJ)
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- Sakai, Makana (Univ. of Tokyo; RGPG-SPSJ)
- Furukawa, Hidemitsu (Yamagata Univ.; RGPG-SPSJ)
- Matsumoto, Akira (Tokyo Med. Dent. Univ.; RGPG-SPSJ)
- Abo, Mariko (Univ. Tokyo; Treasurer)

**Important Date**

- **Registration (early):** Mar. 1 - July 31, 2014
- **Abstract Submission:** Jan. 1 - May 31, 2014

**New!**

**Announcement of 1st PNG Young Investigator Award**

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Necessary for consideration:
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**Registration Fee**

- **Regular:** 50,000 Yen (early bird), 60,000 Yen (regular)
- **Student:** 20,000 Yen (early bird), 25,000 Yen (regular)

(Includes welcome reception, coffee break, conference book)

Banquet fee: 8,000 Yen (regular), 4,000 Yen (student)

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**Plenary Lecturers**

Aida, Takuzo (University of Tokyo, Japan)
Chung, Ungil (University of Tokyo, Japan)
Harada, Akira (Osaka University)
Khokhlov, Alexei (Moscow State University, Russia)
Leibler, Ludwik (ESPCI, France)
Lindman, Bjorn (Lund University, Sweden)
Mortensen, Kell (University of Copenhagen)
Muthukumar, Murguappan (University of Massachusetts Amherst, USA)

**Keynote Lectures (confirmed)**

Balazs, Anna (University of Pittsburgh, USA)
Ballauf, Matthias (Helmholtz-Zentrum Berlin, Germany)
Bowman, Christopher (Colorado University, USA)
Creton, Costantino (ESPCI, France)
Douglas, Jack (NIST, USA)
Dreis, Cecile (King’s College London, UK)
Gupta, Bhuvanesh (Indian Institute of Technology, India)
Ha, Chang-Yik (Pusan National University, Korea)
Horkay, Ferenc (NIH, USA)
Malmstrom-Jonsson, Eva (KTH, Royal Institute of Technology, Sweden)
Patrickios, Costas (University of Cyprus, Cyprus)
Richtingen, Walter (RWTH Aachen University, Germany)
Rubinstein, Michael (North Carolina University, USA)
Scherman, Oren (University of Cambridge, UK)
Wu, Chi (Chinese University of Hong Kong, Hong Kong)

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