



# The 1<sup>st</sup> Asian Conference on Liquid Crystals (ACL2012)

## Call for Papers

December 16-18, 2012

Fuji-Calm, Fujiyoshida, Yamanashi, Japan

Organized by the Japanese Liquid Crystal Society

In Cooperation with the Society for Information Display, Japan Chapter, the Japan Society of Applied Physics, the Society of Polymer Science, Japan, the Chemical Society of Japan, the Physical Society of Japan, the Institute of Electrical Engineers of Japan, and the Institute of Electronics, Information and Communication Engineers.

### Preface

On behalf of LC scientists and engineers in Japan, I am pleased to announce the first Asian conference on Liquid Crystals. As we all know, most of Liquid Crystal displays have been produced in Asia. In addition, a variety of breakthroughs in LC science have also emerged from Asia. In such circumstances, it is surely a good idea to strengthen our partnership to further develop science and application of LCs toward our bright future.

Based on such consideration, we decided to organize this conference. We sincerely welcome all of you to Fuji-Yoshida, Japan.

Prof. Hideo Takezoe, Chair of ACL2012

It is my great pleasure to inform you about the 1st Asian Conference on Liquid Crystals. The conference covers wide research fields from traditional topics to modern science and technology of liquid crystals.

I am looking forwards to seeing you at the foot of Mt. Fuji in Japan on coming December.

Prof. Naotake Nakamura, Co-chair of ACL2012

### Aim & Scope

In the first decade of this century, we have seen a variety of new aspects emerging in liquid crystal studies, particularly with nanotechnology evolutions. In these new fields of liquid crystal studies, we can find a lot is growing in Asia. Nowadays, it is getting more important to promote our partnership and a conference where people can share the time and space together to make something fruitful.

In order to attain this aim, latest results in research are presented by oral and poster presentations for the topics of science and technology shown in Topics.

### Topics

- |   |   |
|---|---|
| A. Molecular design, synthesis and new materials  | J. Dynamics and Nano-properties                           |
| B. Liquid crystal phases, structures and ordering | K. Supramolecular liquid crystals                         |
| C. Theory, simulations and modeling               | L. New materials for display and non-display technologies |
| D. Pattern formation and dynamics                 | M. Colloidal and lyotropic liquid crystals                |
| E. Symmetry and chirality                         | N. Liquid crystals in/to bio-systems                      |
| F. Liquid crystals in photonics                   | O. Surface and confined systems                           |
| G. Liquid crystals in electronics                 | P. Liquid crystal display and other applications          |
| H. Liquid crystals and nano-objects               |   |
| I. Macromolecular systems and elastomers          |   |

### Abstract

**Abstract submission DEADLINE: 31 October, 2012. Extended to 7 November.**

All abstracts written in English are required to be submitted via the Conference website at <http://www.acl2012.org>.

Abstracts are restricted to one page in A4 size and must be converted to the pdf format, and uploaded.

Authors will be informed of the final status of their contribution (rejected, poster, oral) via email by the middle of November, 2012.

### Plenary Lectures

Prof. Andy Ying-Guey Fuh (*National Cheng Kung University, Taiwan*)

Prof. Sandeep Kumar (*Raman Research Institute, India*)

Prof. Sin-Doo Lee (*Seoul National University, Korea*)

Prof. Tatsuo Uchida (*Sendai National College of Technology, Japan*)

## Invited Lectures

Prof. Liang-Chy Chien (*Kent State University, USA*)  
Prof. E-Joon Choi (*Kumoh National Institute of Technology, Korea*)  
Prof. Rauzah Hashim (*University of Malaya, Malaysia*)  
Prof. Takashi Kato (*The University of Tokyo, Japan*)  
Prof. Jae-Hoon Kim (*Hanyang University, Korea*)  
Prof. Chia-Rong Lee (*National Cheng Kung University, Taiwan*)  
Prof. Wei Lee (*National Chiao Tung University, Taiwan*)  
Dr. Haruhiko Okumura (*Toshiba Corporation, Japan*)  
Prof. V.A. Raghunathan (*Raman Research Institute, India*)

Prof. Kazuya Saito (*University of Tsukuba, Japan*)  
Prof. Sukrit Tantrawong (*Thammasat University, Thailand*)  
Dr. Padmanabhan Viswanath (*Centre for Soft Matter Research, India*)  
Prof. Jun Yamamoto (*Kyoto University, Japan*)  
Prof. Huai Yang (*Peking University, China*)  
Prof. Tae-Hoon Yoon (*Pusan National University, Korea*)  
Prof. Atsushi Yoshizawa (*Hirosaki University, Japan*)  
Prof. Yanlei Yu (*Fudan University, China*)  
Prof. Ke-Qing Zhao (*Shichuan Normal University, China*)

## Conference Schedule (tentative)

	9:00	12:30	14:00	17:00	19:00
Dec. 16 (Sun)			Registration	Opening & Plenary	Reception
Dec. 17 (Mon)	Invited & Contributed Talks	Poster Session	Plenary Invited & Contributed Talks		Banquet
Dec. 18 (Tue)	Plenary, Invited & Contributed Talks	Plenary, Invited & Contributed Talks			

## Registration

The registration fee includes access to all scientific sessions, abstract book, and the conference banquet.

Type	Early Bird (before/on 7 Nov.)	Regular (after 8 Nov.)
General	JPY 30,000	JPY 35,000
Student	JPY 15,000	JPY 20,000

The registration site opens from 17 October, 2012. The major credit cards are accepted for payment via PayPal.

## Venue

The 1st Asian conference on Liquid Crystals will be held at Fuji Calm (<http://fujicalm.jp>), Fujiyoshida, Yamanashi, Japan. Fuji Calm is located 100 km west from Tokyo and at the foot of Mt. Fuji. The temperature of Fuji-Yoshida are about 5~7°C degrees cooler than Tokyo (min. 5°C ~ max. 12.4°C) on average in December.

## Contact

If you have any inquiries, please feel free to contact the Secretariat at [secretariat@aclc2012.org](mailto:secretariat@aclc2012.org)

## Chair

Hideo Takezoe (*Tokyo Tech., Japan*)

## Co-Chair

Naotake Nakamura (*Ritsumeikan Univ., Japan*)

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*Other members will be determined.*

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