

Celebrating the 25th Anniversary!



14th International Topical Meeting Optics of Liquid Crystals (OLC-2011) Marriott, Yerevan, Armenia September 25 - October 1, 2011



The 14th Topical Meeting on the Optics of Liquid Crystals will take place during the last week of September 2011 in Yerevan, Armenia. The OLC conferences provide great opportunities and the most pleasant settings for scientists and engineers active in the field of optics of liquid crystals to discuss their recent results, review current research trends and meet the top experts in the multidisciplinary field comprising complex materials and optical systems.

CONFERENCE TOPICS

- ◇ Optics of Complex Anisotropic Structures
- ◇ Diffractive Waveplates, Polarization Gratings
- ◇ Hybrid Semiconductor/Liquid Crystal Systems
- ◇ Nonlinear Optics
- ◇ Surfaces and Interfaces
- ◇ Photoalignment Technique and Materials
- ◇ Composites/Confined Systems/Nanodispersions
- ◇ Liquid Crystal Metamaterials
- ◇ Laser Beam Steering and Optical Switching
- ◇ Liquid Crystals in Optical Communications
- ◇ Dyes, Photo-Chemistry and Materials with Ultra-high Optical Nonlinearities
- ◇ New Display and Micro-Display Applications
- ◇ Polymer Liquid Crystals, Elastomers, Gels
- ◇ LC in Sensing and Metrology
- ◇ Design and Synthesis of Liquid Crystal Materials with Novel and Enhanced Optical Properties
- ◇ Liquid Crystals in Infrared Optics
- ◇ Liquid Crystals in High Power Laser Systems
- ◇ Optics of Lyotropic and Biological LC Material
- ◇ Technology of LC Optical Devices
- ◇ Instabilities, Pattern Formation and Chaos
- ◇ Novel Phenomena in Liquid Crystals
- ◇ Solitons in Liquid Crystals

SCIENTIFIC SESSIONS

The scientific program will consist of plenary lectures (40 min), invited talks (30 min), oral presentations (20 min), and poster contributions. To be considered for an oral presentation, please register and submit your abstract before June 25, 2011. Post-deadline poster communications can be submitted till 25 July 2011.

CONFIRMED LIST OF SPEAKERS (ALPHABETICAL ORDER)

G. Abbate, University of Naples Federico II, Italy; **N. Abbott**, University of Wisconsin-Madison, USA; **T.J. Bunning**, Air Force Research Laboratory, USA; **G. Chilaya**, Institute of Cybernetics, Georgia; **G. Cipparrone**, University of Calabria, Italy; **D. Evans**, Air Force Research Laboratory, USA; **R. Ramos Garcia**, INAOE, Puebla, Mexico; **T. Ikeda**, Tokyo Institute of Technology, Japan; **M. Kazmarek**, University of Southampton, U.K.; **I.C. Khoo**, PennState University, USA; **B.R. Kimball**, U.S. Army Natick R&D Center, USA; **L. Komitov**, University of Gothenburg, Göteborg, Sweden; **M. Kreuzer**, Deimler, Germany; **O.D. Lavrentovich**, Kent State University, USA; **S.-D. Lee**, Seoul National University, Korea; **S. Lukishova**, University of Rochester, USA; **L. Marucci**, University of Naples Federico II, Italy; **H.-L. Ong**, Kopin, Taiwan; **J. Parka**, Military University of Technology, Poland; **N. Peyghambarian**, University of Arizona, USA; **Yu. Reznikov**, Institute of Physics, Kiev, Ukraine; **E. Serabyn**, Jet Propulsion Lab., Caltech, USA (preliminary); **M. Schadt**, MS-High-Tech Consulting, Switzerland; **F. Simoni**, Polytechnic University of Marche, Italy; **M.J. Soileau**, University of Central Florida, USA; **C. Umeton**, University of Calabria, Italy.

PROCEEDINGS

Following the tradition, Taylor & Francis will publish the Proceedings of the meeting as a special issue of Molecular Crystals and Liquid Crystals. Information on submission of the manuscripts will be available at the conference website in due time. The deadline for manuscript submission is December 16, 2011.

TRAVEL

The Venue: The Conference will take place at the Armenia Marriott Hotel (www.marriott.com/hotels/travel/evnmc-armenia-marriott-hotel-yerevan/) in Yerevan, most comfortably and pleasantly situated in the business and entertainment heart of this one of the most ancient cities of the world, surrounded by parks, fountains, art galleries, boutique stores, small open-air cafes, and restaurants.

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The arrival airport: Most participants are expected to arrive by air to the international airport in Yerevan, Zvartnots (EVN). There are direct flights to Yerevan from many European cities. Hotels are about 30 minutes drive from the Airport. The transfer will be organized by the secretariat of the conference.

Climate: The Autumn is the best season in Armenia. Yerevan is usually sunny during September -October with the mean temperature 18°C – 20°C (www.meteo.am).

Visa Requirements: Citizens of many countries do not require visa. If you need one, you can get a visa upon arrival in Yerevan, at the airport, for 3000 dram, approx. US\$8. In general the procedure lasts less than 15 minutes. Visa can also be obtained on the Internet (more expensively) at www.armeniaforeignministry.com/e/Visa/.

Currency: Armenian Dram (ARD) is the local currency. The exchange rate fluctuates near US\$1 = ARD 350. All major currencies can be exchanged to ARD at the airport, in banks, hotels, or (at a better rate) in numerous exchange kiosks citywide.

ACCOMMODATION

Rooms have been reserved for conference delegates at the **Armenia Marriott Hotel** (www.marriott.com/hotels/travel/evnmc-armenia-marriott-hotel-yerevan) at the specially negotiated rates: US\$185 for deluxe single occupancy room, and US\$210 for deluxe double occupancy. A number of 3 and 4 star hotels such as **Best Western, Golden Tulip, Hrazdan, Ani Plaza** are short walking distance from the Marriott, and offer as nice rooms at much lower rates. **The Guest House of the Yerevan State University** will be available as well at the rate US\$45. *All rates include breakfast and 20% VAT. Rates may vary with varying currency exchange rates.*

REGISTRATION FEE

The registration fee will cover conference materials, local transportation from/to the airport, coffee breaks, lunch, welcome reception, banquet and social events. Breakfast is included with the hotel reservation.

	Early registration by 20 June , 2011	Late registration by 20 August , 2011	On-site registration
Regular	430 USD	500 USD	550 USD
Student (valid student ID required)	80 USD	100 USD	150 USD
One day	150 USD		
Accompanying person	150 USD		

Payments can be made by bank transfer, credit card or cash on-site, in US\$, Euros, or Armenian Drams. Payment instructions will be posted at the conference website starting 1 February 2011.

TRAVEL GRANTS

As with previous OLC meetings, there will be a limited number of travel grants to assist researchers from different parts of the world that may have financial problems to attend and present at the meeting. Please let us know should you need such assistance along with submission of your abstract, and we will do our best to help.

TIMELINE

Abstract submission (through the conference website www.olc2011.org): opens 4 April 2011, closes 24 June 2011.

Notification of acceptance: 8 July 2011.

Registration: opens 25 February 2011, closes 25 August 2011.

Hotel reservation at special rates: opens 4 April 2011, closes 20 August 2011.

BEST PAPER AWARD

NAHC Ltd. presents the “Zvartnots Cathedral” award to the best paper presented at OLC-2011. The winner will be chosen by vote cast among participants of the meeting. The Award represents an artistic copy of the Cathedral made of silver on obsidian stone. Zvartnots, erected in the 7th century, was a wonder of world architecture, a daring spatial arrangement formed by intricate combination of arches and buttresses.

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ORGANIZING INSTITUTIONS

Optics of Liquid Crystals Association Scientific Advisory Board: N.V. Tabiryan, Chairman (USA), T.J. Bunning (USA), G. Cipparrone (Italy), R. Ramos Garcia (Mexico), M. Kaczmarek (UK), T. Kosa (USA), S-D. Lee (Korea), M. Ozaki (Japan), J. Parka (Poland), P. Pasini (Italy), V. Reshetnyak (Ukraine), F. Simoni (Italy), J. Stumpe (Germany).

Organizing Committee: *R.S. Hakobyan*, chair, Yerevan State University; *H.L. Margaryan*, Co-chair, Yerevan State University; *V.M. Aroutiounian*, Yerevan State University; *R.B. Alaverdyan*, Yerevan State University; *L.S. Aslanyan*, Yerevan State University; *L.K. Mouradyan*, Yerevan State University; *A.H. Gevorgyan*, Yerevan State University; *N.H. Hakobyan*, Yerevan State University; *A. R. Mkrtchyan*, Institute of Applied Problems in Physics of the National Academy of Sciences of Armenia; *S. Harutiunyan*, State Committee of Science of Armenia; *A.A. Shahinyan*, National Academy of Sciences of Armenia; *R.S. Zadoyan* (Newport, USA); *T.V. Galstian* (Laval University, Canada).

Host institutions: Yerevan State University and the State Committee of Science of Armenia, the Institute of Applied Problems in Physics, of the National Academy of Sciences of Armenia.

FURTHER INFORMATION

<http://www.olc2011.org>

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