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IUPAP Report on ICO Activities 2012 - Sept., 2013

During 2012, ICO held two topical meetings:

- 1) **ICO Topical Meeting: 6th International Conference on Nanophotonics (ICNP 2012)**
Beijing, China, May 27-30, 2012
- 2) **ICO Topical Meeting: 12th Conference of the International Society on Optics Within Life Sciences "OWLS 12"**, Genoa, Italy, July 4-6, 2012

An ICO Strategic Planning Committee Retreat was held July 1-2 in Genoa, followed by the ICO Bureau Meeting on July 3rd. This first meeting of the Strategic Planning Committee was devoted to establishing the strengths and weaknesses of the ICO. A second meeting is planned October 26th 2013, at which time several of the strategies for the ICO future will start elucidating.

ICO co-sponsored or endorsed another eight international activities. One of them was the **First ICO/ICTP/TWAS Central American Workshop in Lasers, Laser Applications and Laser Safety Regulations** in San José de Costa Rica, April 30-May 11, 2012. This is the first of a series of activities in Central America that are expected to take place within the ICO/ICTP/TWAS Central America Initiative, which was launched with this event. Continuation of the initiative will be a Workshop on Optics and Energy in Chiapas, Mexico, to be held at MCTP next year.

Dr. Nirit Dudovich from Israel was the IUPAP Young Scientist Prize in Optics 2012.

Dr Nirit Dudovich has a PhD in physics from the Weizmann Institute of Science, Rehovot, Israel. She performed her post-doctoral research at the National Research Council (NRC) in Canada. In 2007 Dr. Dudovich joined the physics faculty at the Weizmann Institute of Science as a senior scientist, where she leads the attosecond science group. She was awarded for her outstanding achievements on **“Developing a completely new approach to attosecond pulse metrology”**.

ICO worked jointly with the EPS, ICTP, the LAM Network and other international organizations to promote and get international support for an International Year of Light (YoL) in 2015. ICO President Duncan Moore presented the proposal for the YoL to the IUPAP General Assembly, and obtained the IUPAP support for the initiative. Jointly with the ICTP, ICO promoted a meeting on the YoL at ICTP.

As of April 2013 nominations for ICO Bureau officers are currently being sought. At the 2014 23rd Congress of the International Commission for Optics in Santiago de Compostela elections will take place. The goal is to have a varied list of candidates in place by February 28, 2014, at which time all members will receive information as to the nominated candidates so that they can identify those individuals that they wish to support for any specific office.

In May 2013 three distinguished scientists were presented ICO awards during the SPIE Optics and Optoelectronics 2013 Symposium in Prague. Jan Peřina of Palacký University was presented with the 2011 ICO Galileo Galilei Award, Shuang Shang of the University of Birmingham was awarded the 2010 IUPAP Young Scientist Prize in Optics and Romain Quidant of ICF was presented the 2012 ICO Prize for his accomplishments in nanoscale optical manipulation.

LIST OF CO-SPONSORED OR ENDORSED ICO EVENTS in 2012

6 - 7 February 2012

ICTP Winter College on Optics: Advances in Nano-Optics and Plasmonics

Trieste, Italy

Contact: ICTP Secretariat, phone: +39-040-2240-9932;

fax: +39-040-2240-7932; smr2132@ictp.it

30 April - 11 May 2012

FIRST ICO/ICTP/TWAS Central American Workshop in Lasers, Laser Applications and Laser Safety Regulations

San José de Costa Rica, Costa Rica.

Home page at ICTP.



Directors: María L. Calvo, Angela M. Guzmán, Joseph J. Niemela

Local Organizers; Luis Diego Marín Naranjo and Jaime

Cascante jcasantev@gmail.com

Secretariat: Ms. Rosa del Rio (smr 2381) the Abdus Salam International

Centre for Theoretical Physics - Strada Costiera 11 - 34151 Trieste, Italy

Telephone: +39-040-2240396 - Telefax: +39-040-22407396 - E-mail:

smr2381@ictp.it

10 – 13 April 2012

VII International Workshop TecnoLaser, “TECNOLASER 2012”, and III International Meeting Optics, Life & Heritage, under the general lemma “Optics and Laser Technology in Science, Industry and Culture”

La Habana, Cuba

Contact: Justo Ravelo Triana, phone: (0537) 209 3920, fax: (0537) 202 1518

tecnolaser@ceaden.edu.cu

30 April – 11 May 2012

FIRST ICO/ICTP/TWAS Central American Workshop in Lasers, Laser Applications and Laser Safety Regulations

San José de Costa Rica, Costa Rica.

Home page at ICTP.

Contact: Ms. Rosa del Rio (smr 2381) the Abdus Salam International Centre for Theoretical Physics - Strada Costiera 11 - 34151 Trieste, Italy Telephone: +39-040-2240396 - Telefax: +39-040-22407396 -

E-mail: smr2381@ictp.it

14 – 17 May 2012

3rd Int. Topical Meeting on Optical Sensing and Artificial Vision (OSAV 2012)

St. Petersburg, Russia

Contact: Igor Gurov, phone: +7 (812) 571-6532, fax: +7 (812) 315-7534

gurov@mail.ifmo.ru

27– 30 May 2012

ICO Topical Meeting: 6th International Conference on Nanophotonics (ICNP 2012)

Beijing, China

Honorary Chairs: Bingkun Zhou, Paras Prasad

General Chairs: Qihuang Gong, Joseph Haus

Contact & Exhibit Manager: Yun-Feng Xiao, phone: (86)10-62765512, fax: (86)10-62756567

icnp2012@pku.edu.cn

2 – 5 July 2012

8th International Conference on Optics-photonics Design and Fabrication "ODF'12"

St.-Petersburg, Russia

Contact: M. Letunovskaya, phone: +7(812)457 18 87, fax: +7(812)457 18 87

odf12@gmail.com

4 – 6 July 2012

ICO Topical Meeting: 12th Conference of the International Society on Optics Within Life Sciences "OWLS 12"

Genoa, Italy
Contact: Alberto Diaspro, phone: +39-010.71.781.503, fax: +39-010-72.03.21
alberto.diaspro@iit.it

3-6 September 2012

International Conference "Micro- to Nano-Photonics III - ROMOPTO 2012"

Bucharest, Romania

Contact: Valentin Vlad, phone: +40 21 457 44 67, fax: 40-21- 457 44 79; -457 42 43
v_i_vlad@yahoo.com

21-25 October 2012

4th International Symposium on Transparent Conductive Materials (TCM 2012)

Crete, Greece

Contact: George Kiriakidis, phone: +302810391271, fax: +302810391295
kiriakid@iesl.forth.gr

LIST OF CO-SPONSORED OR ENDORSED ICO EVENTS in 2013

4 - 15 February 2013

[ICTP Winter College on Optics: Trends in Laser Development and Multidisciplinary Applications to Science and Industry](#)

Trieste, Italy

Contact: ICTP Secretariat, phone: +39-040-2240-9932;
fax: +39-040-2240-7932; smr2132@ictp.it

9 - 11 April 2013

icOPEN2013 (International Conference on Optics in Precision Engineering and Nanotechnology)

Singapore

Contact: Anand Asundi, phone: 67905936, fax: 67924062, anand.asundi@pmail.ntu.edu.sg

15-18 April 2013

[SPIE Optics + Optoelectronics 2013](#)

Prague, Czech Republic

Contact: Karin Burger, phone: +442920894749, fax: +442920894750, karin@spieeurope.org

21-25 April 2013

[Digital Holography and 3D Imaging](#)

Hawaii, USA

Contact: Laura Holloway, phone: +1.202.416.1436, fax: +1.202.416.6100, lholloway@osa.org

17-21 June, 2013

[Tenth Rochester Conference on Coherence and Quantum Optics](#)

Rochester NY, USA

Contact: Joseph H. Eberly, phone: +1 585-275-4576, fax: +1 585-276-0018,
eberly@pas.rochester.edu

18-20 June, 2013

[2nd International Conference on Quantum Information and Measurement \(QIM-2\)](#)

(Satellite Meeting to "Tenth Rochester Conference on Coherence and Quantum Optics"),
Rochester, USA

Contact: Joseph H. Eberly, phone: +1 585-275-4576, fax: +1 585-276-0018,
eberly@pas.rochester.edu

22-26 July, 2013

8th Iberoamerican Optics Meeting / 11th Latinamerican Meeting on Optics, Lasers and Applications (RIO/OPTILAS 2013)

Porto, Portugal

Contact: Contact: Manuel Filipe P. C. Martins Costa, phone: 00351967642732, mfcosta@fisica.uminho.pt

23-26 July, 2013

Education in Optics and Photonics "ETOP 2013"

Porto, Portugal

Contact: Manuel Filipe P. C. Martins Costa, phone: 00351967642732, mfcosta@fisica.uminho.pt

1-13 September 2013

First African Summer School on Optics and Applications to Sustainable Development

Tunis, Tunisia

Contact: Mourad Zghal, phone: (+216) 71857000, fax: (+216) 71856829, mourad.zghal@supcom.rnu.tn

16-19 September 2013

Information Photonics 2013,

Warsaw, Poland

Contact: Marian Marciniak, phone: +48 22 5128715, fax: +48 22 5128715, marian.marciniak@ieee.org

18 – 21 September 2013

The Eleventh International Conference on Correlation Optics "Correlation Optics'13"

Chernivtsi, Ukraine

Contact: Oleg V. Angelsky, phone: (380-3722)44730, fax: (380-3722)44730, angelsky@itf.cv.ua

27 - 30 October 2013

ICO Topical Meeting: 18th Microoptics Conference (MOC'13)

Tokyo, Japan

Contact: Tomoyuki Miyamoto; phone: +81-45-924-5059; fax: +81-45-924-5059; tmiyamot@pi.titech.ac.jp

Draft of the report prepared by ICO Secretary, Angela Guzman, 9/17/2013.

Final report prepared by ICO President, Duncan T. Moore, 9/18/2013