

## Report of Affiliated Commission AC1 for 2015

Affiliated Commission AC1: the International Commission for Optics (ICO)  
Chair: Yasuhiko Arakawa (ICO President)

### Background

ICO was founded in 1947 and is an Affiliated Commission of the International Union of Pure and Applied Physics (IUPAP), and a Scientific Associate of the International Council of Science (ICSU). Its objective is to contribute to the progress in the field of optics and photonics. The Commission has three categories of Members : Territorial Committee Members (53 members including two Associate Members), International Organization members such as OSA and SPIE (6 members). The governing body of ICO is its General Assembly, usually held every three years during an ICO Congress that includes an international conference on optics. Between General Assemblies, a Bureau is responsible for the conduct of the Commission. The Bureau consists of the President, the Past-President, the Secretary General and the Associate Secretary, the Treasurer, and fourteen Vice-Presidents, (eight elected) of whom at least two are from industry.

### Bureau Members for the term of 2015-2017

Yasuhiko Arakawa (ICO President), Duncan Moore(ICO Past President), Angela M Guzmán (Secretary), Gert von Bally (Associate Secretary), James A Harrington (Treasurer), John Harvey (Vice-President elected), Franz Holler (Vice-President elected), Humberto Michinel (Vice-President elected), Joseph Niemela (Vice-President elected), Seung-Han (Vice-President elected), Roberta Ramponi (Vice-President elected), Jakub Zakrzewski (Vice-President elected), Mourad Zghal (Vice-President elected), Yujie Ding (Vice-president appointed, IEEE), Ursula Gibson (Vice-president appointed, OSA), Stephen P Morgan (Vice-president appointed, OWLS), Eric Rosas (Vice-president appointed, RIAO), Paul Urbach (Vice-president appointed, EOS), Ahmadou Wague (Vice-president appointed, LAM Network), Maria Yzuel (Vice-president appointed, SPIE), Carmen Cisneros (IUPAP Exec. Council delegate)

### Bureau Meeting 2015

The Bureau meeting was held on June 28<sup>th</sup> in Bordeaux, France.

### Sponsoring (or co-sponsoring) scientific conferences

- Winter College on Optics: "Light: a Bridge between Earth and Space", 9–20 February 2015, Trieste, Italy
- International Conference on Optics and Photonics (ICOP 2015), 20–22 February 2015, Calcutta, India
- Lighting UP Africa with lasers, optics, and fibres (LUPA'2015), 15–21 March 2015, Carthage, Tunisia
- Discussions on Nano & Mesoscopic Optics (DINAMO-2015), 8–12 April 2015, El Chalten, Argentina
- International Conference on Optical and Photonic Engineering (icOPEN 2015), 14–16 April 2015, Singapore
- ICO Topical Meeting: Education and Training in Optics and Photonics (ETOP 2015), 29 June – 2 July 2015, Bordeaux, France

- International Conference "Micro- to Nano-Photonics IV - ROMOPTO 2015, 1 – 4 September 2015, Bucharest, Romania
- Mexican Optics and Photonics Meeting “MOPM 2015”, 9 – 11 September 2015, Leon, Mexico
- Twelfth International Conference on Correlation Optics “Correlation Optics ’15”, 14–18 September 2015, Chernivtsi, Ukraine
- 20th Microoptics Conference (MOC'15), 25 - 28 October 2015, Fukuoka, Japan

### **Awards**

The following four awards are under selection or receiving nominations: ICO Prize, Galileo Galilei Award, IUPAP Young Scientist Prize in Optics, ICO/ICTP Gallieno Denardo Award

### **Activities for International Year of Light 2015**

One of ICO’s focuses in 2015 is the celebration of the International Year of Light and Light Technology (IYL2015). IYL2015 is a global initiative to show the citizens of the world the importance of optical and photonic science and technology in their lives. ICO contributes to the IYL2015 as one of the endorsing partners together with the International Council of Scientific Unions (ICSU), the International Union of Pure and Applied Physics (IUPAP), and other academic unions. The opening ceremony of the IYL2015 was held on 19–20 January at the UNESCO Headquarters in Paris, gathering together 1200 people, including eminent scientists, industrialists, high officials, decision-makers, and promising young researchers. The event certainly provided a suitable forum for scientific and policy sharing in science and technology. All Executive Committee members of ICO participated in the ceremony as delegates of ICO. In addition, many ICO territorial committees also sent their several delegates to the ceremony.

There have been lots of events sponsored by ICO or related organization for celebrating the IYL2015 in the world. For just an example, a commemorative opening ceremony was held in Tokyo, Japan in April with 1,100 participants. It was sponsored by Science Council of Japan which is working as the ICO territorial committee in Japan.