



ICO territorial committee for Portugal

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Short report August 2011-August 2014

On these last three years period SPOF actively work on the development of optics and photonics in Portugal while establishing strong relations with other national O&P societies (SEDOPTICA, STO, AMO, RCO, CVO, OPSS) and major international scientific societies of Optics - ICO, SPIE, EOS and OSA – as well as several major institutions like Photonics'21, EPS, RIAO, LAM, SECPhO, EPIC, APLO. SPOF is being an active member of the European Optics Society and of the Iberoamerican Optics Network (Red(e) Iberoamericana de Óptica), as member of the board, hosting its last general assembly in Porto, July 25, 2013. Special attention is being paid to the support to young researchers and students. Three international summer schools were organized aiming to offer students and young researchers the opportunity to learn about some of the most exciting developments in the field and to deepen their knowledge in Optics and Photonics. A number of best paper prizes were awarded including the best PhD Thesis in Optics and Photonics in Portugal that this year was awarded for the second consecutive time. Two student chapters were promoted (SPIE at the University of Porto and OSA at the University of Aveiro).

The first Summer School on Recent Advances in Optics and Photonics was organized at INESC-TEC in Porto June 25 to 29, 2012, with the support of ICO and SPIE and the endorsement of EOS, RIAO, PHOTONICS'21 and EPIC. 60 participants attended an interesting range of lectures from distinguished experts including SPIE' president Prof. Katarina Svanberg and ICO' Vice-President Prof. Humberto Michinel.

In cooperation with APLO, SPOF organized September 14 to 16, 2012, in Aveiro, Portugal, with the endorsement of ICO, SPIE, EOS and RIAO, the 1st International Summer School on Advances in Ophthalmic Optics and Optometry focused on "Learning Related Vision Problems". 100 participants from Portugal, Spain, Lithuania and England attended an intensive program of lectures from speakers of the Universities of Minho, Manchester, Bradford, Barcelona and Valencia.

The 2nd edition of the International Summer School on Advances in Ophthalmic Optics and Optometry took place at the University of Porto, Portugal, July 26 to 28, 2013, having as main topic "Developments in Vision Care Optics and Clinical Optometry".

Mainly focused on young researchers, SPOF organized, in collaboration with INESC-TEC and IT-Aveiro, the 10th (June 27, 2012 at the University of Porto), 11th (July 25, 2013, at the Faculty of Sciences of the University of Porto) and 12th (May 29, 2014, at Hotel Meliã Ria, Aveiro) editions of the Symposium on Enabling Optical Networks and Sensors (SEONS).

The VIII Reunión Iberoamericana de Óptica / XI Reunión Iberoamericana de Óptica, Láseres y Aplicaciones - VIII Reunión Iberoamericana de Óptica/XI Reunión Iberoamericana de Óptica, Lasers e Aplicações, RIAO/OPTILAS 2013, was organized at University of Porto, Porto, Portugal, July 22 to 26, 2013, and ran very successfully in an exciting friendly and most pleasant way with 441 participants, including 158 students, from 39 countries. 249 full papers were published at the proceedings book (by SPIE). Two very interesting special sessions and round tables on "Entrepreneurship in Optics & Photonics" and "Women & Optics" were organized with strong active participation of the audience.

ETOP2013, the 12th Education and Training in Optics and Photonics Conference was organized in parallel to RIAO/OPTILAS 2013 at Physics and Astronomy Department of the Faculty of Sciences of the University of Porto, July 23 to 26, 2013. This event attracted over 210 participants including 68 students, with 140 submitted works. 109 full papers were accepted for publication at the conference proceedings book. It was the first ever ETOP event of this scale at which we were able to actively engage with and reach out to a wider range of delegates from 38 countries. Additionally, the conference served as a forum for representatives from academia and industry as well as students and school teachers to interact and build bridges. The different sessions provided the framework of wider discussions on how to improve education, training and teaching in the field of optics and photonics. Indeed, the four days were buzzing with lively discussion and debate – not only during the interactive sessions, but also around the coffee tables.

The Second International Conference on Applications of Optics and Photonics, AOP2014, was held May 26 to 30, 2014, at the Meliã Ria Hotel & Spa in Aveiro, Portugal. With 213 interesting communications in all fields of Optics & Photonics and 181 participants from 39 countries, the second triennial conference of the Portuguese Society for Optics and Photonics ran in a very positive way opening new research and international cooperation directions. Awarded by SPIE, OSA and SPOF, eight prizes were delivered to students participating at the conference (nearly 50% of the total number of participants).

Three International Summer Schools will be organized in 2015 and 2016: the 3rd International Summer School on Advances in Ophthalmic Optics and Optometry, International Summer Schools on Optical Sensors, and the 2nd Summer School on Recent Advances in Optics and Photonics focused on "Power Lasers". In 2015 several activities will be organized in celebration of the IYL2015 including in international cooperation. Mid spring 2017 the 3rd International Conference on Applications of Optics and Photonics, AOP2017, will be organized in Algarve, Portugal.



OOPT2012



RIAO2013



ETOP2013



AOP2014



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2015