

## Community

# News from The European Optical Society

## New liaison officer for Asia

**Kimio Tatsuno, former Vice-President of the Optical Society of Japan (OSJ), becomes the first Asian Liaison Officer for EOS.**

In recent years, EOS welcomed more and more individual members from Asia. Tatsuno is actively supporting this development and has established contacts between EOS and Optical Societies in Asia to promote collaborations on different levels. In his new function as EOS Liaison Officer for Asia, he will extend his important work. Tatsuno is very active in the OSJ Optics Design Group, in particular, in organising the International Conference on Optics-Photonics Design and Fabrication (ODF). From 1973 to 2003, Kimio Tatsuno worked as a research scientist for the Hitachi Central Research Laboratory in Tokyo (JP). In 2003, Hitachi sent him to the National Institute of Science and Technology Policy of the Japanese Ministry of Education, Science and Technology, where he led policy proposals to foster collaborations between industry, university and government. In 2007, Tatsuno joined the Optoelectronic Industry and Technology Development Association (OITDA) to plan and organise the national photonics project in Japan. He presently works at the Koga Research Institute and is a part-time lecturer at Tsukuba University.

## Mark your calendar...

...for the 1st EOS Topical Meeting on Frontiers in Optical Imaging (FOI 2013). The meeting will take place in Murten (CH) from 16 to 18 September 2013 ([www.myeos.org/events/foi2013](http://www.myeos.org/events/foi2013)).

...the 5th EOS Topical Meeting on Optical Microsystems and the 1st EOS Topical Meeting on Optics at the Nanoscale. Both TOMs will be held in Capri (IT) from 11 to 13 September 2013 ([www.myeos.org/events/capri2013](http://www.myeos.org/events/capri2013)).

## EOS student club news

Read about the newest clubs' activities during the past months.

[www.degruyter.com/aot](http://www.degruyter.com/aot)

## BMSTU Student Club

In October, the Bauman Moscow State Technical University (RU) opened its doors to the public in the frame of the 'Science Festival 2012', determined to inform kids, pupils and future students about research and science at the university with the aim to make their interest in science grow ([www.en.festivalnauki.ru](http://www.en.festivalnauki.ru)). The club members took the opportunity to present optics and photonics to the broad public by practical and theoretical presentations. Those included educational games and experiments as well as information about the department's activities and fields of research, and last, but not the least, lectures and seminars on different scientific topics within optics. 'Our team explained among others how lasers work, why the sunlight is a mix of all colours of the rainbow, how to produce a hologram and interference patterns, how to analyse them, etc.! We were completely overwhelmed by the interest and questions of the kids and their parents! It was a really interesting, exciting, incredible experience', say club members after the event. Also, visitors were guided through two optics and photonics educational centres. As feedback on their presentations, the students heard, among others, from kids: 'Wow that must be a miracle', to which they answered 'No! It's simply optics!'



The BMSTU student members discussing polariscope application for metrology of glass tension with Chinese students.  
Source: BMSTU EOS Student Club.

## EOS Optical Coherence and Interferometry Student Club

At the beginning of August, several students of the Swiss student club undertook an excursion to Lübeck in Germany. During this tour, the participants had the opportunity to visit Thorlabs, OptMedT, as well as the facilities and laboratories of the Medical Laser Center Lübeck and the institutes of the University of Lübeck. These visits gave the students the opportunity to talk to experts about their research and daily working life. They concluded the excursion with a barbecue with students from Lübeck and employees of the above-mentioned companies and were happy about their new contacts with German companies, institutes and students.

## EOS at Columbia University and EOS City College New York Student Clubs

From 10 to 12 October, both student clubs jointly held the IONS NA4 conference, the fourth IONS conference to be

held in North America. IONS is a networking platform and conference series for young researchers in the fields of optics and photonics. All IONS conferences are organised by students for students, who set up the programme, invite speakers and promote the conference. The conferences can be found all over the world, but they are organised locally and supported by several optical societies. At IONS NA4, which was, among others, sponsored by EOS, 24 students presented their research in four oral presentation sections, with a further 43 offering poster presentations. Additionally, several experts in optics were invited to talk about their work.

## WLT has a new Executive Director

Since recently, Cemal Esen, is the new director of the German EOS Affiliated Society WLT – Wissenschaftliche Gesellschaft für Lasertechnik e.V. (German Scientific Laser Society).

WLT is a non-profit organisation aiming at strengthening and bringing forward laser technology. Esen is a



Participants of the IONS NA4 conference.

Source: EOS at Columbia University and EOS City College New York Student Clubs.

lecturer at the Department of Applied Laser Technology at the Ruhr-Universität Bochum (DE). He follows Rüdiger Daub from the Institute for Machine Tools and Industrial Management, Technische Universität München (DE) ([www.wlt.de](http://www.wlt.de)).

## Justiniano Casas Prize 2012 awarded

With this prize, the EOS Affiliated Society SEDOPTICA acknowledges young scientists for their outstanding PhD thesis in the field of optical imaging. This year, two young Spanish researchers were awarded:

Pilar Beatriz García Allende for her work ‘Contributions to the development of new interpretation techniques and systems based on imaging spectroscopy’. She received a cash prize of €1000 and a diploma. García Allende currently is a Marie Curie Fellow at the Helmholtz Zentrum München (DE) and previously worked at the University of Cantabria (ES). The PhD thesis was supervised by Olga Maria Conde Portilla and was defended in 2010 at the University of Cantabria. The supervisor received a commemorative plaque.

Carlos Dorransoro Díaz for his PhD thesis on ‘Corneal ablation and contact lens fitting: physical, optical and visual implications’. He currently is a research associate (R&D transfer) at the Visual Optics and Biophotonics Laboratory, Institute of Optics of the National Research Council (CSIC) (ES). Dorransoro Díaz received a diploma and a cheque of €500. His work was supervised by EOS Fellow Susana Marcos at the Institute of Optics of CSIC

and was defended in 2009 at the University of Valladolid (ES).

For the third time, SEDOPTICA’s Committee for Image Techniques awarded the Justiniano Casas Prize for Research into Optical Imaging, which was established in 2007 and has since then been awarded biannually. The Prize aims at stimulating research activity in the framework of doctorate studies. It is given to an individual for an outstanding PhD thesis in the fields of optical imaging that has received the highest grade. This year, the award ceremony took place during the opening ceremony of the X Spanish Optical Meeting in Zaragoza (ES) on 4 September. The prize is sponsored by INFAIMON S.L. since 2007.

## Photonics21 Annual Meeting 2013

Photonics21 is the European Technology Platform for photonics. The platform represents photonics research priorities at the European level and aims to implement a common photonics strategy for Europe and to align synergies between industry, science and politics.

Mark the date – Photonics21 Annual Meeting 2013, 29 and 30 April 2013, Le Plaza Hotel in Brussels – Registration is now open.

Join the next Photonics21 Annual Meeting, which has been scheduled on 29 and 30 April 2013 and will be held in the Hotel Le Plaza, Boulevard Adolphe Maxlaan 118–126, in Brussels!

The event will provide you the latest information on the new Framework Programme Horizon2020 and the further development towards a Photonics Public Private



Pedro Andrés (right), President of SEDOPTICA’s Committee for Image Techniques, congratulates Carlos Dorransoro Díaz (left) for his outstanding PhD thesis and hands over a cheque and a diploma.  
Source: SEDOPTICA.



On behalf of Pilar Beatriz García Allende, her supervisor Olga Maria Conde Portilla (centre) took over the prize from SEDOPTICA President Juan Campos (right) and Justiniano Casas’ widow.  
Source: SEDOPTICA.

Partnership. Another major highlight will be the publication of the photonics strategic roadmap. In addition to this, the Photonics21 Annual Meeting 2013 provides you with the opportunity to meet and network with your colleagues of the European photonics community.

Registration: You can now register for the event at: [www.amiando.com/photonics21\\_annual\\_meeting\\_2013.html](http://www.amiando.com/photonics21_annual_meeting_2013.html)

## Photonics21 Student Innovation Award 2013

For the fifth time, the ETP Photonics21 announces the Photonics21 Student Innovation Award. The prize will be handed over in the frame of the Photonics21 Annual Meeting on the 29th of April 2013 at the evening reception.

### Background

The Research, Education and Training work group of the Photonics21 Technology Platform has established a prize for students in the field of photonics in order to promote research in photonics especially related to R&D with industrial impact.

Any person under 35 and active in the field of optics and photonics may apply for the Photonics21 Student Innovation Award. The award consists of a certificate, a trophy as well as a cash prize of €5000.

Applicants must submit the following documents:

- The completed application form,
- One letter of support (by a supervisor or mentor),
- A short (2-page) biography/CV,
- A list of peer reviewed publications,
- A description of the innovative R&D work (not exceeding 4 pages of A4, 12-point text), making clear the nature of innovation potential impact to the industry.

The application deadline for participating in the Photonics21 Student Innovation Award 2013 is on the 20th of February 2013.

Applications can be sent via e-mail to [education@photonics21.org](mailto:education@photonics21.org).

### Sponsoring

If you would like to sponsor either the Photonics21 Annual Meeting or the Student Innovation Award, please contact the Ph21 Secretariat at [secretariat@photonics21.org](mailto:secretariat@photonics21.org).