



Venue
 Oceaanzaal
 Royal Netherlands Institute for Sea Research (NIOZ)
 Landsdiep 4,797 SZ Den Hoorn, Texel, Netherlands
www.nioz.nl

Royal Netherlands Institute for Sea Research (NIOZ)
 The Royal Netherlands Institute for Sea Research (NIOZ) is the National Oceanographic Institution of the Netherlands. The institute was founded in 1876 and is part of the Netherlands Organization for Scientific Research. (The institute is located on the island of Texel at the border between the North Sea and the Wadden Sea, and about 100 km north of Amsterdam.

Texel
 The Island of Texel, located about a 5-hour drive north of Amsterdam, sits in the Wadden Sea and is the largest of the Dutch North Sea Islands. Now 25 km long and 9 km wide, it actually consisted of two islands until 1835 when a spit of land between Eyerland Island was pumped. Combine work with pleasure, extend your stay and enjoy the relaxed island flair with its broad white beaches, its nature reserves and the picturesque villages. This remarkably diverse place with its forests and picture villages. More information about Texel is available at www.texel.net

Registration

At least one author of an accepted contribution is requested to register properly in advance to Blue Photonics 3. The registration fee ranges from 250 € for members (including 19% VAT) to 300 € for non-members (including 19% VAT). The registration opens in December 2012. Earlybird registration deadline: 15 January 2013.

Travel and Accommodation

Rooms at a special rate have been blocked at selected hotels near the conference venue. All booking details, travel information as well as a list of alternative hotels are available at www.myeos.org/events/bluephotonics3/Accommodation

Paper Publication in JEOS:RP

Attendees of Blue Photonics 3 are welcome to submit a paper to the Journal of the European Optical Society Rapid Publications (JEOS:RP). The paper must be an original, high quality contribution connected to this Topical Meeting and will be reviewed according to the normal procedure of the journal. In case of acceptance authors will receive a 20% discount on the publication rate. The paper must be submitted no later than 31 May 2013 (www.jeos.org). The publication of a paper in JEOS:RP is an option, but no obligation.

Special publication fee for standard papers

280 € for members (including 19% VAT) and 320 € for non-members (including 19% VAT). For further information please see: www.jeos.org/forms/AuthorGuide.pdf

Contact

EOS-Events & Services GmbH
 Julia Dalichow (M.A.)
 Committee & Event Manager
 Garbsener Landstr. 10 | 30419 Hannover | Germany
 Phone: +49 (511) 277 2673 | Fax: +49 (511) 277 2699
bluephotonics3@myeos.org
www.myeos.org/events/bluephotonics3

3rd EOS Topical Meeting

on Blue Photonics Optics in the Sea
 (Blue Photonics 3)

18-20 March 2013

Royal Netherlands Institute for Sea Research (NIOZ)
 Den Hoorn, Texel, Netherlands

Final Call for Paper



Partners



Synopsis

Insight in ocean optics has evolved gradually, from centuries ago the time of mere observations of colour and transparency changes in time and space, to the period starting in the early 20th century when satellites were launched and ocean optics became a real science. In other words, an evolution from no more than human fascination for the colour of natural waters to the development of ideas, instrumentation, instrument validation and experimentation, the ingredients necessary to really understand the colouring of water. New challenges within the field of marine optics are designs on innovative optical sensors for monitoring of marine environment.

This 3rd EOS Topical Meeting on Blue Photonics in the Sea (Blue Photonics, 3B) will be held at the Royal Netherlands Institute for Sea Research (NIOZ), Texel, Netherlands. It is a major international forum for the discussion of marine optics and its applications. Its aims are to review recent progress in the field, to promote the formation of a community of scientists and engineers working in related areas, and to stimulate the interdisciplinary collaboration required to meet the rapidly developing challenges of the future.

Topics

- Environmental Monitoring
- Crowdsourcing
- Topic related Smartphone/iPhone Apps
- Ocean Colour

Radiative Transfer and Modelling

- Marine Biophysics and Remote Sensing
- Fluorometry
- AOP - IOP 2D and 3D
- Underwater Imaging
- Innovative Undersea Optical Techniques and Instrumentation

General Chair

Marcel R. Werner, Royal Netherlands Institute for Sea Research (NIOZ)(NL)

Co-chairs

- Oliver Zielinski, Institute for Chemistry and Biology of the Marine Environment, University Oldenburg (DE)
- Hans van der Woerd, Institute for Environmental Studies (IVM), Vrije Universiteit Amsterdam (NL)

Plenary Speaker

Simon Boxall, National Oceanography Centre, University of Southampton (UK)

Title: Ocean colour, from pretty pictures to key media information on the state of our planet: the maturation of a scientific technique

Invited Speakers

- Luigi Ceccaroni, Barcelona Digital Centre Tecnològic (BDIGITAL) (ES)
- Geir Johnsen, Norwegian University of Science and Technology (NTNU)
- Remi W.P.M. Laan, Deltares (NL)
- Samantha Lavender, Pixalytics Ltd (UK)
- Jakob Stamnes, University of Bergen (NO)

Programme Committee

- David Bowers, School of Ocean Sciences, Bangor University (UK)
- Charles Maze, Physical Sciences Inc. (US)
- Jaume Piera, Unidad de Tecnología Marina (UTM), Department of Natural Resources of the Agencia Estatal Consejo Superior de Investigaciones Científicas (CSIC) (ES)
- Charles Trees, Head Remote Sensing Branch, NATO Undersea Research Centre (IT)
- Hans van der Woerd, Institute for Environmental Studies (IVM), VU Amsterdam (NL)
- John Watson, University of Aberdeen (UK)

Marcel R. Werner, Royal Netherlands Institute for Sea Research (NIOZ)(NL)

Giuseppe Zibordi, Institute for Environment and Sustainability, Joint Research Centre (IT)

Oliver Zielinski, Institute for Chemistry and Biology of the Marine Environment, University Oldenburg (DE)

Abstract Submission

Authors are requested to submit an extended abstract maximum of two pages and preferably with at least one figure. The EOS guidelines for abstracts can be downloaded from www.myeos.org/files/abstractguidelines.pdf

Contributions will be accepted for oral and poster presentation. Please indicate preference. All accepted contributions are to be published on the EOS Topical Meeting Digital CD-ROM which will be distributed on-site.

Deadlines

| | |
|--------------------------------------|---------------------|
| Abstract submission deadline | 16 November 2012 |
| Notification to authors | 6 December 2012 |
| Publication of the Advance Programme | 16 of December 2012 |
| Earlybird Registration Deadline | 15 January 2013 |
| Advanced Registration Deadline | 15 February 2013 |

