



Venue

Oceaanzaal
 Royal Netherlands Institute for Sea Research (NIOZ)
 Landsdiep 4, 1797 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 (NWO). 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 1.5-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 to Eyerland Island was pumped dry. Combine work with pleasure, extend your stay and enjoy the relaxed island flair with its broad white beaches, its nature reserves and the tidelands. Discover this remarkably diverse place with its forests and picture-book 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 fees range from 250 € for students to 510 € for non-members (incl. 19% VAT). The registration opens in mid-December 2012. **Early-bird 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#Travel_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 **3 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 € (instead of 350 €) for full EOS members
 320 € (instead of 400 €) for non EOS members
 For further information please see:
www.jeos.org/forms/AuthorGuide.pdf.

Contact

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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 Papers



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 late 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 in-situ monitoring of marine environment.

This **3rd EOS Topical Meeting on Blue Photonics® - Optics in the Sea (Blue Photonics 3)**, to be held at the Royal Netherlands Institute for Sea Research (NIOZ), Texel, Netherlands, will provide 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



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- Radiative Transfer and Modelling
- Marine Bio-optics and Remote Sensing
- Fluorometry
- AOP - IOP 2D and 3D
- Underwater Imaging
- Innovative Sub-sea Optical Techniques and Instrumentation

General Chair

Marcel R. Wernand, 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), VU 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 (NO)

Remi W.P.M. Laane, 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 Mazel, 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 / King's College (UK)

Marcel R. Wernand, 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 of a maximum of two pages and preferably with at least one figure. The EOS guidelines for abstracts can be downloaded at 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 Digest 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	End of December 2012
Early-bird Registration Deadline	15 January 2013
Advanced Registration Deadline	15 February 2013



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