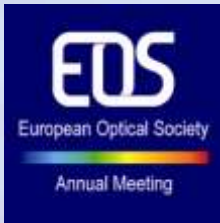


Cavity Solitons And Nonlinear Patterns In Dissipative Optical Systems



A special session of TOM 6

“Nonlinear Optics – Material, Devices and Spatio-Temporal Effects”

part of the Scientific EOS Annual Meeting 2008

29 September – 02 October 2008, Paris-Nord Villepinte, France

Dissipative systems such as nonlinear optical cavities have been thoroughly studied during the last fifteen years as host systems for the observation of pattern formation and cavity solitons. The latter have been very rapidly understood as excellent candidates for new types of all optical processing schemes, introducing quite innovative features such as plasticity and reconfigurability, and allowing the implementation in quite a natural way of functionalities such as all-optical shift registers, delay lines, serial-to-parallel conversion or production of light pulse trains on demand. These were previously considered as quite complex to implement.

The special session “**Cavity Solitons and nonlinear patterns in dissipative optical systems**” is dedicated to this class of phenomena as part of the large family of hot topics addressed in **Topical Meeting 6” Nonlinear Optics - Materials, Devices and Spatio-Temporal Effects” of the Scientific ESO Annual Meeting 2008.**

This session is organized by the member groups of the STREP European project **FunFACS** (Fundamentals, Functionalities and Applications of Cavity Solitons) and is open to all participants working in the area of dissipative solitons and patterns in optical cavities.

Contacts

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Important Dates

Registration and paper submission online at: www.myeos.org/EOSAM_2008

Deadline for Submission of papers: 06 June 2008

Notification to authors: 10 July 2008



European Optical Society

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EOS Annual Meeting 2008

29 September - 2 October 2008

Paris-Nord Villepinte, France

In conjunction with the OPTO-Exhibition 2008

Deadline for submission of abstracts: 6 June 2008

General meeting chair:

Roberta Ramponi, President of the EOS

Topics

- TOM 1: Biophotonics
- TOM 2: Terahertz - Science and Technology
- TOM 3: Nanophotonics, Photonic Crystals and Metamaterials
- TOM 4: Micro- and Nanoscale Photonic Systems
- TOM 5: Organic Photonics
- TOM 6: Nonlinear Optics - Materials, Devices and Spatio-Temporal Effects
- TOM 7: Dynamical Optics

Workshops

- Masters and PhD Education in Photonics
- Biophotonics Business: Opportunities and Challenges for European Companies (part of TOM 1: Biophotonics)

In cooperation with:



Early-bird registration for the EOS Annual Meeting 2008

29th September 2008 - 2nd October 2008,

Paris-Nord Villepinte, Parc d'expositions et Centre de Conventions - Paris, France

Early-bird registration

Registered attendees are entitled to attend all topical meetings. Please tick off your preferred topical meeting:

- TOM 1: Biophotonics
- TOM 2: Terahertz - Science and Technology
- TOM 3: Nanophotonics, Photonic Crystals and Metamaterials
- TOM 4: Micro- and Nanoscale Photonic Systems
- TOM 5: Organic Photonics
- TOM 6: Nonlinear Optics: Materials, Devices and Spatio-Temporal Effects
- TOM 7: Dynamical Optics

Please tick off your registration category

The registration fee includes the digest of the Topical Meeting you chose above.

- Early-bird full-time registration for presenting authors 350.00 €
- Early-bird full-time registration for OPTO exhibitors 470.00 €
- Early-bird full-time registration for members 410.00 €
- Early-bird full-time registration for non-members 500.00 €
(Includes an EOS individual membership for the year 2009)
- Early-bird full-time registration for student members 160.00 €
(Copy of student ID required)
- Early-bird full-time registration for student non-members 170.00 €
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- One-day registration (no digest included) 200.00 €
- Workshop on Masters and PhD Education in Photonics 100.00 €
(Includes the Proceedings of the Workshop; no other digests are included)
- Workshop on Biophotonics Business 150.00 €
(Includes the Proceedings of the Workshop; no other digests are included)

Cancellation policy: Requests for cancellation must be made in writing to the EOS Office (address see above). Refunds are subject to a processing fee of 50 €. Cancellations received by 12 September 2008: full refund minus processing fee (50 €). Cancellations received after 12 September 2008: no refund.

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**Deadline for early-bird
registration: 29 August 2008**

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