



Luxuriant, extraordinary, and such a mild climate. Capri is a Mediterranean island of calcareous origin that has been visited over the centuries by intellectuals, artists and writers, all enthralled by its magical beauty. A mix of history, nature, worldliness, culture and events that daily blend together and bring the Legend of Capri to life



The flora, one of the richest in the whole of Italy, gives the island a lush appearance even during the cold season. Similarly, the island's fauna, which includes a large number of marine species, enrich its deep waters; the land fauna also includes many non-migratory birds, such as the large albatrosses, and saurians, like the rare blue lizard of the Faraglioni.



Time schedule
DEADLINE FOR ABSTRACTS: June 10th
ABSTRACT ACCEPTANCE: June 30th
PREREGISTRATION DEADLINE: September 10th



WWW.INDOA.IT/OMSO7

Conference site:

CALL FOR PAPERS

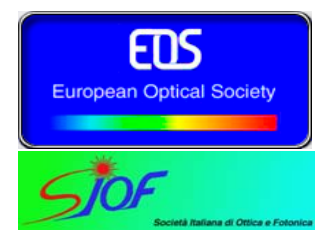
**EUROPEAN OPTICAL SOCIETY
 TOPICAL MEETING:**

**OPTICAL
 MICROSYSTEMS**

OS '07

**CAPRI - ITALY
 30 September – 3 October 2007**

**POST- DEADLINE
 FOR ABSTRACT
 SUBMISSION:
 JUNE 10th**



TOPICS

Optical microsystems and microsensors

MEMS, MOEMS, NEMS

New materials and technologies

New active and passive devices in optoelectronics

Silicon based microsystems

Electro-optic materials

Polymer-based devices

Liquid crystal- and organic material-based devices

Biophotonics and biochips

Smart sensors and transducers

Physical and chemical sensors

Biosensors

Sensing and actuation

Fibre-optic sensors

Optofluidic microsystems and devices

Nanomaterials and devices

Bio-optofluidics

Imaging, sorting, circuits

Adaptive interconnections and devices

Multifunctional devices

Photonic crystals and metamaterials

Materials, fabrication techniques, characterisation

Numerical methods

Passive and active devices

Nonlinear response

Nonlinear optic devices

Materials and phenomena

Periodically-poled devices

Micro-nano engineering of ferroelectric materials

Solitons, soliton waveguides and 3-D circuits

Adaptive interconnections and devices

Multifunctional devices

New characterisation methods for materials and devices

Interferometric techniques for imaging and testing

Scanning probe/optical microscopy, SNOM

High-super resolution methods in optical microscopy

Application of optical systems in:

Information society technology

Automotive, avionics and aerospace

Environment, geophysics and microgravity

Genomics and proteomics

Health, food and agriculture

Homeland security

Material processing

Cultural heritage

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Harvard University, USA

B. Javidi

Univ. of Connecticut, USA

D. Psaltis

EPFL, Switzerland

A. Yariv

California Institute of Technology, USA

S. Cabrini

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Nanjing Univ., China

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ABSTRACT PREPARATION

250 word - abstracts must be prepared using the *conference abstract template* available at the conference site:

http://www.inoa.it/oms07/html/frm_organization.html

and send by e-mail to the following address:

oms07@na.imm.cnr.it

Abstracts not prepared using the *conference abstract template* will not be considered. The preferred topic has to be clearly indicated. Submitted abstracts are expected to

ABSTRACT BOOK

present original works and new results.

The list of accepted abstracts will be available at the

Conference web site by **June 30th**.

The accepted abstracts will be published on the

CONFERENCE ABSTRACT BOOK.

PUBLICATION

The authors can submit a manuscript of the accepted abstract at latest during the Conference. After peer review process the accepted manuscripts will be published on a

special issue of

Journal of Optics A: Pure and Applied Optics.