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**46th International Symposium ELMAR-2004
focused on**

Navigation, Multimedia and Marine

16-18 June 2004

Zadar, Croatia

CALL FOR PAPERS

The 46th International Symposium ELMAR-2004 focused on *Navigation, Multimedia and Marine* will be held in the beautiful old town Zadar on the Croatian Adriatic coast. While the scientific program is expected to create stimulating professional interaction, the crystal clear Adriatic Sea, warm June atmosphere and wealth of historic monuments promise a pleasant and memorable stay. The aim of the symposium is to promote the interface of researchers involved in the development, design and application of methods and techniques within the framework of navigation systems, marine electronics, multimedia communications, image and video processing, wireless communications, etc. The scientific program includes keynote and invited lectures by eminent international experts and contributed papers. Papers accepted by two independent reviewers will be published in symposium proceedings available at the symposium and abstracted in the INSPEC database. ELMAR-2004 symposium is sponsored by the Croatian Society Electronics in Marine (ELMAR), and co-sponsored by IEEE Region 8 and IEEE Croatia Section.

TOPICS

Navigation Systems:

- GNSS Architecture and Implementation
- Augmentation Systems and Services
- Terrestrial, Marine and Air Navigation
- Automatic Identification System (AIS)
- Location Based Services
- Security, Jamming, Interference
- In-door Navigation Technologies
- Radar Navigation
- Receiver Technology

Marine:

- Naval Architecture
- Remote Sensing / Monitoring
- Marine Education
- Acoustics and Vibrations
- Fleet Management
- Ship Power Systems
- Power Electronics and Automation
- Sea Ecology

Multimedia Systems:

- Multimedia Communications / Networking
- Multimedia Signal Processing
- Wireless Communications
- Mobile Technologies and Services
- Image and Video Processing and Coding
- Image Scanning, Display and Printing
- Digital Video Broadcasting (DVB)
- Speech and Audio Processing

Other Topics:

- Radiocommunications
- Telecommunications
- Optoelectronics
- Antennas and Propagation
- Meteorology
- General Topics

SUBMISSION

"Instructions for Authors" are available on the ELMAR web-site. Authors are invited to submit their papers in electronic form by March 12, 2004. Please send the electronically version in PDF format by e-mail to: elmar@fer.hr

SCHEDULE OF IMPORTANT DATES

Deadline for submission of full papers	March 12, 2004
Notification of acceptance mailed out by	April 16, 2004
Deadline for submission of camera-ready papers	April 30, 2004
Preliminary program available on the web-site by	May 10, 2004
Registration deadline	May 17, 2004

Mini-exhibition facilities will be available for companies wishing to display their products, services, hardware & software and literature relating to the symposium topics. The companies wishing to participate in the exhibition are kindly requested to contact Asst.Prof. Tomislav Kos by e-mail: elmar@fer.hr

Please visit ELMAR-2004 web-site: <http://www.vcl.fer.hr/elmar/2004/>