



4th International Symposium on 'High Capacity Optical Networks and Enabling Technologies'

HONET
2007



November 18 - 20, 2007
Madinat Jumeirah Hotel
Dubai, UAE



Co-Organized by:

University of North Carolina Charlotte (UNC Charlotte), USA
United Arab Emirates University Al-Ain, UAE
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Vision

To bring together professionals and practitioners from the academia, industry and government functionaries from around the world, with a view to sharing knowledge and experience in the field of ICT for global partnerships and collaborations aiding economic growth to support peace and prosperity

Call for Papers

General Information

High Speed Optical Internet, driven by global optical networks utilizing various photonic- and network-technologies, Lambda Grid, fiber-optic, wireless/optical-wireless as enabling technologies for telecom and IT from the architectural, security, signal transport and application perspectives. The symposium will span over three days of technical, business, and visionary presentations as well as workshops and testbed experiences; and will include keynote addresses and various plenary sessions on various focus areas consistent with the theme and objectives. The major objective of this **4th International Symposium** is to bring together participating US, Canadian, Middle-Eastern, South-Asian, and European researchers as well as other educators, students, and industry professionals for collaborations. HONET 2007 thematic focus is high-speed internet, security and e-business along with the enabling technologies.

Papers

Authors are invited to submit **R&D and visionary papers**, presenting research work related to the practice and theory of 'High-capacity Optical Networks & Enabling Technologies'. All submissions must describe original and pertinent research educational goals, and future vision. The topics of interest should include, but not limited to the following:

- Optical Internet I & II
- Network Security and Reliability
- Enabling Technologies
- Metro/Access Networks
- Optical/Wireless and Satellite Communication
- Passive Optical Networks/FTTH
- Traffic Engineering and Grooming
- Grid Computing/ Multi-Agent Systems
- Testbeds and Field Trials
- Internet and E-Business Applications
- IPV6 - Emerging Testbed & Field Trial Applications
- Nano-materials for Space Applications
- Sensor Networks Technologies & Applications
- Global Challenges & Opportunities in Higher Education

These topics can be discussed in terms of research concepts, state of the art, standards, implementations, developments, field trials/experiments, educational goals and new applications. Submitted or substantially similar papers must not be under review currently for any other publication. Further updates on the symposium can be found at the websites www.honet.ae ; www.honet.uncc.edu ; and www.honet.niit.edu.pk.

Instructions for Authors

All paper submissions will be handled electronically. Authors should prepare a PDF version of their paper, which should not be more than ten pages (format guidelines available on the website). The paper must contain a cover letter with name(s) of author(s), affiliations, postal address(es), phone/fax numbers, and email address(es). The corresponding author must be clearly identified. Additionally, five keywords relevant to the research paper or theme area must also be clearly mentioned on the cover letter.

All papers are to be sent to papers@honet.ae . All deadlines are 11:59 PM Eastern Standard Time (EST).

Important Dates

Paper Submission:	September 14th 2007
Acceptance Notification:	September 30th 2007
Camera ready Due:	October 10th 2007

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