



5th International Symposium on 'High Capacity Optical Networks and Enabling Technologies'



November 18 - 20, 2008

Parkroyal Hotel Penang, Malaysia



Co-Organized by:

University of North Carolina Charlotte (UNC Charlotte), USA

Universiti Sains Malaysia (USM), Penang, Malaysia

National University of Sciences & Technology, Pakistan

Co-Sponsored by:

KICT, IIUM, Jalan Gombak, Kuala Lumpur (Malaysia)

Higher Education Commission and PTCL R&D Fund (Pakistan)

Technical Sponsorship:

TBA

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 in the world.

Call for Papers

General Information

High-speed Internet is driven by global optical networks utilizing various photonic- and network-technologies, Lambda Grid, fiber-optic, wireless/optical-wireless as enabling technologies for IT and Telecom from the architectural, security, signal transport and application perspectives. The workshop and symposium will span over three days of technical 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 5th International Symposium is to bring together participating US, Malaysian, and the world-wide researchers, educators, students, and industry professionals for collaborations. HONET 2008 thematic focus is high-speed internet, e-government, network security and 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:

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| <ul style="list-style-type: none"> Optical Internet | <ul style="list-style-type: none"> Testbeds and Field Trials |
| <ul style="list-style-type: none"> ICT Service Oriented Architectures | <ul style="list-style-type: none"> Metro/Access Networks |
| <ul style="list-style-type: none"> Enabling Technologies | <ul style="list-style-type: none"> IPV6 - Emerging Testbeds |
| <ul style="list-style-type: none"> Network Security and Reliability | <ul style="list-style-type: none"> Nanotechnologies Applications |
| <ul style="list-style-type: none"> Optical/Wireless and Satellite Communication | <ul style="list-style-type: none"> Wireless Mesh & Sensor Networks Applications |
| <ul style="list-style-type: none"> Passive Optical Networks/FTTH | <ul style="list-style-type: none"> e-Government Applications |
| <ul style="list-style-type: none"> Traffic Engineering and Grooming | <ul style="list-style-type: none"> Grid Computing/ Multi-Agent Systems |

These topics should 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. The accepted papers will be reviewed using "IEEE standards and criteria". Authors should note that only the accepted papers that are presented in the workshop/symposium will be eligible for proceedings. The accepted but unattended submissions will be omitted from all proceedings. Further updates on the workshop/symposium can be found at the websites <http://honet-ict.org>.

Instructions for Authors

All paper submissions will be handled electronically. Authors should prepare a PDF version of their papers, which should not exceed seven pages. The format should conform to the guidelines available on the HONET website. The paper must contain a cover page with title, abstract, and name(s) of author(s) with respective 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 listed on the cover page. Submissions will be peer-reviewed, published in proceedings (details will follow), and indexed with the major indexes.

All HONET papers should be submitted at <http://www.easychair.org/conferences/?conf=honet08>. And deadlines are 11:59 pm US Eastern Standard Time (EST).

Important Dates

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| Paper Submission: | September 15th 2008 |
| Acceptance Notification: | October 10th 2008 |
| Camera ready Due: | October 25th 2008 |

Principal Patrons:
(TBA)

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