

15th IEEE HONET-ICT International Conference on Smart Cities Enabled by ICT, IoT and AI

Islamabad, Pakistan
October 08-10, 2018
<http://honet-ict.org>

Organized by:

University of North Carolina at Charlotte, CLT, USA
National University of Sciences and Technology, ISB, Pakistan

GENERAL INFORMATION

Along with achieving its primary goal, HONET has been phenomenal in attracting quality research papers from around the world. The conference has been striving to gradually emerge as a focal point for research that targets local and global issues related to science, technology and society. The 15th International Conference HONET-ICT 2018 will focus on use of technologies for making Smart Cities a reality. Specifically, role of IoT and AI in conjunction with ICT will be explored in the technical sessions. As with the previous HONET events, we are expecting papers in the above-mentioned core areas and related enabling technologies. The 15th HONET-ICT conference will be held at NUST at its beautiful campus in Islamabad in collaboration of University of North Carolina at Charlotte, USA.

PLANNED SESSIONS

Authors are invited to submit R&D and concept papers presenting original research work pertaining to the practice and theory related to the scope of "HONET-ICT". Related proposals for workshops and Tutorials will be considered as well. All submissions must describe original and pertinent research, development, and future vision. The topics of interest include, but are not limited to:

1. Smart Cities
 - a. Role of AI in enhancing the smartness in Smart Cities
 - b. IoT for Smarter Cities
 - c. ICT as an enabler for Smart Cities
2. Computer and Communication Networks
 - a. Wireless Networks
 - b. Photonic Networks
 - c. 5G Communication and beyond
 - d. Software Defined Networks (SDN)
 - e. Network Security and Forensic Analysis
3. Cloud Computing
 - a. Big Data Analytics
 - b. Network Function Virtualization (NFV)
 - c. Datacenter Storage
4. Enabling Technologies
 - a. ICT for Healthcare Applications
 - b. LEDs, Lasers and Solar Cells and Panels
 - c. Micro-grid Analytics and Management
 - d. Smart Grid
 - e. Autonomous Vehicles and Future Transport
 - f. Educational and Training Technologies

These topics should be discussed in terms of research findings, concepts, state-of-the-art, standards, implementations, developments, field trials/experiments, educational goals, and new applications.

STUDENT POSTER SESSION

Students are encouraged to submit research & development based project posters for display during the conference. All rules related to originality of displayed work apply. Posters must be approved by respective supervisor. Two-page Summary submission is required with the posters. Size requirements for the posters will be communicated through HONET website.

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IMPORTANT DATES

Full Papers Due
10 Jun 2018
Acceptance Notification
10 Aug 2018
Camera Ready Due
20 Aug 2018
Registration Deadline
10 Sep 2018
Program Available
10 Sep 2018



The Centaurus, Islamabad



NUST, H-12 Campus, Islamabad

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VISION

The vision for the last 15 years has been to bring together academics and industry professionals from the developed and the developing countries thereby enabling a platform for collaborative learning and research.

EXTENDED VERSIONS

Like in the past, selected papers will be encouraged to be submitted for consideration of publication in the special issues of high quality journals, such as IEEE Photonics and Elsevier International Journal of Computers and Electrical Engineering. The conference is coordinating a similar arrangement this year as well.

INSTRUCTIONS FOR AUTHORS

All paper submissions will be handled electronically through EDAS. Authors should strictly follow the guidelines and template available at the website and prepare PDF-compliant version of their papers not exceeding five (5) double-column pages (IEEE-Style). Paper format/template with font sizes and the guidelines, and copyright form are available on the HONET-ICT website. The first page of the paper must contain an informative 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 thematic areas must also be listed (as per template).

Submitted/Received papers will be peer reviewed using "IEEE standards and criteria." Authors should note that only the accepted and presented papers will be eligible for final proceedings. Papers accepted but not presented (and registered) will be omitted from publication on IEEE Xplore. Submitted or substantially similar papers must not be under review currently for any other publication. TPC reserves the right to reject any paper, at any stage, that is found to be plagiarized.

Submit your paper at: <https://honet-ict.org>