15ᵗʰ International Conference on Smart Cities: Improving Quality of Life Using ICT & IoT (HONET-ICT)

Islamabad, Pakistan
October 08-10, 2018

Organized by:
University of North Carolina at Charlotte, Charlotte, NC, USA
National University of Sciences and Technology, Islamabad, 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 successful in gradually emerging as a focal point for research that targets local and global issues related to science and technology. The 15ᵗʰ International Conference HONET-ICT 2018 will focus on use of technology 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 conference will be held at NUST, Islamabad in collaboration of University of North Carolina at Charlotte, USA.

TOPICS

Authors are invited to submit R&D and concept papers presenting original research work related to the practice and theory related to the scope of HONET-ICT. The topics of interest include:
1. Role of ICT in enabling the future of Smart Cities
2. AI for enhancing the capabilities of Smart Cities
3. IoT for realizing the dream of Smart Cities
4. 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
5. Cloud Computing
   a. Big Data Analytics
   b. Network Function Virtualization (NFV)
   c. Datacenter Storage
   d. Virtual Networks
6. Enabling Technologies
   a. ICT for Healthcare Applications
   b. LEDs, Lasers and Solar Cells and Panels
   c. Micro Grid Analytics and Management
   d. Smart Grid and Smart Cities

IMPORTANT DATES

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

STEERING COMMITTEE & CHAIRS

M. Yasin Akhtar Raja
Optoelectronics & Optical Comm.
UNC Charlotte, USA

Ian T. Ferguson
IEEE Fellow, Dean COE & Comp
Missouri S&T, USA

Nassar Ikram
Pro-Rector, RIC, NUST, Pakistan

S M H Zaidi
NUST SEECS, Pakistan

Mohammed Shahidehpour
IEEE Fellow, IIT Chicago, USA

Junaid Zubairi
SUNY Fredonia, USA

Muazzam Ali Khan Khattak
NUST SEECS, Pakistan

VISION

HONETs vision for the last 15 years has been to bring together academics and 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. 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). All submissions will be peer-reviewed, and the accepted and presented papers will be published on IEEE Xplore Digital Library.
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. TPC reserves the right to reject any paper at any stage that is found to be plagiarized.

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