

# CALL FOR PAPERS

## IEEE 22<sup>nd</sup> International Conference on Smart Communities *Improving Quality of Life Using AI, Robotics & IoT (HONET)*

GIK INSTITUTE Topi, Pakistan

December 02–04, 2025

The 22<sup>nd</sup> IEEE International HONET 2025 Conference focuses on research and development, as well as the application of Information and Communication Technology (ICT) to transform the concept of Smart Cities into reality.

### THEMATIC AREAS

- AI & IoT
- Communication Networks and Network Security
- Energy and Power Technologies
- Robotics
- Photonics
- Quantum Computing
- Blockchain

### KEY ACTIVITIES AT CONFERENCE

Technical:

1. Research Papers Presentations
2. Industrial Exhibits
3. Workshops and Symposiums
4. Panel Discussions on Emerging Trends
5. 3MT (Three Minute Thesis) Competition
6. Lab to Market Ideas Pitching Session

Social:

1. Thematic Dinner
2. Hiking Trip to Sirikot Hills
3. Visit to Silicon Village Pakistan

### ORGANIZING COMMITTEE

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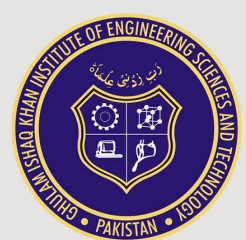
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### IMPORTANT DATES

30 Jun 2025

Full Length Papers/Short Papers  
Submission

15 Sep 2025

Decision Notification

31 Oct 2025

Camera Ready and  
Registration Due

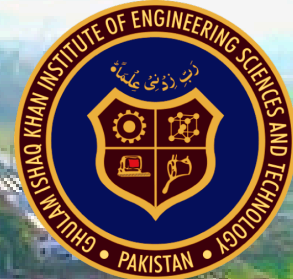
05 Nov 2025

Program Available

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🌐 <https://honet-ict.org/>





# IEEE 22<sup>nd</sup> International Conference on Smart Communities

## *Improving Quality of Life Using AI, Robotics & IoT*

GIK INSTITUTE Topi, Pakistan

December 02–04, 2025

### TOPICS

#### AI & IoT

- Enhancing the capabilities of Smart Communities using AI
- Machine Learning models for Smart Cities
- Realizing Smart Localities using IoT
- Computer Vision and it's application in Smart Cities

#### Energy and Power Technologies

- Renewable Energy Sources
- Smart-Grids and Robust Infrastructure
- Smart Storage and Demand & Response
- Micro Grid Analytics and Management
- Smart Grid and Smart Cities

#### Photonics

- LEDs, Lasers and Solar Cells and Panels
- Packaging

#### Blockchain for Smart Cities

- Blockchain for Smart Grid and Energy Management
- Blockchain for Traffic Management and Autonomous Vehicles
- Blockchain for Secure and Efficient IoT Integration
- Blockchain for Data Sovereignty and Citizen Privacy

#### Communication Networks and Network Security

- Wireless Networks
- Photonic Networks
- 5G/6G Communication and beyond
- Network Security and Forensic Analysis

#### Robotics

- Robotics & Automation
- Autonomous Vehicles and Charging Technologies

#### Quantum Computing

- Quantum-Enhanced Optimization for Urban Planning
- Quantum Machine Learning for Smart City Data Analysis
- Quantum-Enhanced Machine Vision for Smart Systems
- Quantum AI for Smart Healthcare Systems
- Quantum-Assisted Smart Contracts

➡ All presented papers will be submitted for inclusion in IEEE Xplore Library ⬅

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