



# IET Smart Cities Call for Papers

## SPECIAL ISSUE ON: Security and Privacy for Smart Cities

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With the proliferation of ubiquitous computing and wide adoption of AI, the concept of smart cities has found more and more real-world applications to promote the economic growth of modern society in a sustainable and intelligent manner. However, the security and privacy risks are much more profound in the case of smart cities. This special issue aims at current research progress on security and privacy challenges in the context of smart cities. The targeted research will focus on technical and non-technical solutions that provide confidentiality, integrity, and availability within a smart city. The research results are expected to provide sound security and privacy frameworks, provable security mechanism, usable security solutions, and measurable security objectives in the scope of smart cities. It is expected that smart city stakeholders will benefit from these state-of-the-art research results and be able to build and grow smart cities securely while protecting the privacy of their citizens.

The scope of this special issue will cover current research on security and privacy issues in smart cities. The list of topics below is not meant to be exhaustive because security and privacy are very broad terms that lie in all aspects of computing and social life. Papers without a clear application in either smart cities or security and privacy, however, will be considered out of scope and may be rejected without full review.

### Topics of interest:

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| <ul style="list-style-type: none"> <li>• Authentication and identify management</li> <li>• Access control</li> <li>• Application security</li> <li>• Artificial Intelligence and data mining applied to security</li> <li>• Big data security</li> <li>• Biometric and facial recognition</li> <li>• Applications of Blockchain for smart city apps</li> <li>• Cloud / Fog / Edge computing security</li> <li>• Cyber crimes</li> <li>• Cyber warfare</li> <li>• Data security</li> <li>• Digital forensics</li> </ul> | <ul style="list-style-type: none"> <li>• Digital watermarks and signatures</li> <li>• DOS and DDOS attack prevention and detection</li> <li>• Encryption</li> <li>• Endpoint protection</li> <li>• Hardware (sensors, servers, etc) security</li> <li>• Intrusion detection and prevention</li> <li>• Threat management</li> <li>• Incidence response</li> <li>• IoT security</li> <li>• Malware and virus detection and analyses</li> <li>• Network security</li> <li>• Ontology</li> </ul> | <ul style="list-style-type: none"> <li>• Privacy assurance</li> <li>• Protection of Citizen's data</li> <li>• Risk analysis and management</li> <li>• Security awareness</li> <li>• Security governance</li> <li>• Security lifecycle</li> <li>• Security monitoring</li> <li>• Security policies</li> <li>• Security standards and frameworks</li> <li>• Data Storage security</li> <li>• Usable security</li> <li>• Web security</li> <li>• City crisis management</li> <li>• Identify theft and remedy</li> </ul> |
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