IEEE COINS includes a multi-disciplinary program from technical research papers, to panels, workshops, and tutorials on the latest technology developments and innovations. IEEE COINS will address all important aspects of the IoT ecosystem. IEEE COINS solicits papers and proposals accompanying submissions for presentations in the Vertical and Topical Tracks.

**Topical Area Tracks:**
1. Internet of Things: From Device, to Edge, and Cloud
2. Sensors and Sensing Systems
3. Circuits and Systems for Artificial Intelligence, and Internet of Things
4. Communications, Connectivity, and Networking
5. Big Data, Data Engineering, and Data Analytics
6. Artificial Intelligence, Machine Learning, and Cognitive Computing
7. Distributed Ledger Technologies and Blockchain
8. Design Automation in AI & IoT Era: From Chips to Systems
9. Hardware/Cyber Security and Privacy
10. Intelligent Robots and Systems
11. Applications, Processes, and Services

**Vertical Tracks:**
1. Smart City
2. Industry 4.0
3. e-Health and Wearable IoT
4. Agri-Tech
5. Smart Energy

**Special Tracks:**
1. Critical System Design
2. European Projects on Intelligent Systems
3. Emerging Technologies on intelligent systems
4. Cognitive Environment
5. Machine Learning/Artificial Intelligence Techniques for IoT networks of Smart Cities based on Edge to Cloud orchestration
7. Semantic interoperability for IoT

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