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BOOK TITLE:
Healthcare Paradigms in the Internet of Things Ecosystem

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About the book:

The edited Book *"Healthcare Paradigms in the Internet of Things Ecosystem"* is intended to discuss the evolution of health care related issues using Internet of Things. The main focus of this volume is to bring all the IoT-enabled health care-related technologies in a single platform, so that Undergraduate and Postgraduate students, Researchers, Academicians, and Industry people can easily understand the IoT-based healthcare systems .This book It provides a comprehensive discussion on a functional framework for IoT-based health care systems, intelligent medicine box, RFID technology, HMI, Cognitive Interpretation, BCI, Remote health Monitoring systems, wearable sensors, WBAN, and security and privacy issues in IoT-based health care monitoring systems. This book brings together some of the top IoT-enabled healthcare experts throughout the world who contribute their knowledge regarding different IoT-based e-health care aspects.

Publications:

All Accepted Manuscripts will be published in **ELSEVIER**.

Easy Chair Submission Link:

https://easychair.org/conferences/?conf=elsevieriot-healthca

Easy Chair CFP Link:

https://easychair.org/cfp/Elsevier_Healthcare_2020

Important Dates:

Deadline for Abstract submission: **April 30, 2019**
Abstract Acceptance Notification: **June 05, 2019**
Deadline for Full Manuscript Submission: **August 05, 2019**

List of Topics (But not limited to):

- IoT: Foundations and Applications
- Functional Framework for IoT-based healthcare system
- IoT Healthcare Network: Topology, Physical Configurations, Protocol Stack, 6LoWLAN, Healthcare Architecture, Application Software organization.
- Intelligent Healthcare Gateway: Intelligent Pharmaceutical Monitoring, Intelligent Medicine Box, Heterogeneous Network in Health-IoT cloud.
- Workflow Manager and Scheduling Techniques between data providers and resource providers in Health-IoT Cloud
- RFID Technology in Health-IoT.
- Heterogeneous Intelligent Transportation Systems in Healthcare.
- Vehicular Intra-network Protocols, Vehicular Gateway, Access network protocols in IoT-based healthcare system
- Location-aware Protocols in IoT-based healthcare system: Location monitoring, Location alerting, Patient-care in-transit System.
- Clinical Decision Support Systems, Swarm Intelligence Algorithm, Ontologies in IoT healthcare.
- Human-Machine Interface (HMI) Technology: Perception, Cognitive Interpretation, Psychomotor Interaction, Brain-Computer Interface (BCI)
- Remote Health Monitoring: Proactive system protocols.
- Wearable Sensors: System Architecture for wearable medical sensors, Wearable Device Access Protocols, Wireless Body Area Network (WBAN)
- Energy-aware protocols and standards in IoT-enabled Healthcare.
- Disease Analysis and prediction using Big data Analytics
- Intrusion Detection in Hospital automation in IoT
- Data acquisition security and Privacy in IoT-enabled healthcare
- Security vulnerabilities in traditional Wireless Sensor Networks in IoT: Data confidentiality, Bandwidth degradation, exhaustion
- Case Studies and Applications in IoT based healthcare.