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The International Journal of Extreme Automation and Connectivity in Healthcare (IJEACH) is an academic journal for a range of emerging research issues related to the digital transformations in the Healthcare paradigm. Today’s world is wired differently compared to the past few years where almost everything can be made ubiquitously. Extreme connectivity enables more universal, global, and close-to-instant communication. These new business models based on these emerging technologies are mainly focused on collecting and connecting health-related data from all available sources, extracting meaningful information from that data, and providing that information to other players. Extreme automation on the other hand can be coupled with extreme connectivity or even with extreme environment, allowing computing systems to control and manage physical processes and respond in ever more “human” ways in highly connected normal environment or a challenging extreme environment. The journal offers a favorable platform for scientists, researchers, students, to make their valuable contributions towards this vital emerging research field.

Topics Covered:

- Ambient Assisted Living
- Artificial Intelligence and Robotics in Medicine and Health Sciences
- Big Healthcare Data Analytics
- Clinical Decision Support Systems for Extreme Connectivity
- Cloud Based Healthcare ICT
- Collaborative Communities and Learning
- Connected Health and Extreme Connectivity
- e-Health Guidelines and Protocols for Emerging Environments
- Electronic Health Records for Extreme Connectivity
- Evaluation and Technology Assessment
- Fault Tolerance in Healthcare Applications
- Health Care Information Systems
- Healthcare Interoperability for Extreme Connectivity
- Healthcare Quality Assurance for Extreme Connectivity
- Healthcare Systems for Extreme Environments
- Industry 4.0 and Extreme Automation for Healthcare
- Intelligent and Self-Organizing Cellular Networks for Healthcare
- Linked Data and Semantic Aware Technologies for Healthcare
- Location-Aware Medical Device Connectivity and Integration
- Location-Services for Healthcare
- M2M, B2C and B2B Communication
- mHealth, Home Health, and Telehealth
- Ontological Engineering in Medicine and Healthcare
- Public Health for Extreme Connectivity
- Simulation and Modeling
- Telemedicine Software, Portals, Devices, and Telehealth for Emerging Environments
- Trustworthy Data Exchange

SUBMISSION INFORMATION

Prospective authors should note that only original and previously unpublished articles will be considered. Interested authors must consult the journal’s guidelines for manuscript submissions at www.igi-global.com/publish/resources prior to submission. All article submissions will be forwarded to the Editorial Review Board for double-blind, peer review.

All submissions and inquiries should be directed to the attention of: Sabah Mohammed, IJEACH@igi-global.com

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