



# CALL FOR PAPERS

**ICHA I 2022**  
**Aug 19-20, 2022**  
**London, United Kingdom**

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICHA I 2022 : International Conference on Healthcare Analytics and Intelligence is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Healthcare Analytics and Intelligence. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

- Healthcare analytics
- Health data analytics
- Big data analytics in healthcare
- Innovation and data science in healthcare
- Analysis of research in healthcare data analytics
- Healthcare analytics for quality and performance improvement
- Information system and information technology in healthcare sectors
- Healthcare analytics and data mining
- Health data platforms
- Evidence-based medicine
- Using electronic health records as a source
- Linguistic and text analysis for healthcare
- Bayesian probability analysis in healthcare data
- Internet of things for medical and healthcare applications
- Novel signal processing methods for wearable and implantable biosensors
- Big-data analytics for healthcare
- Machine learning, scalable machine learning and deep learning algorithms for medical IoT
- Novel devices and circuits, and architectural support for healthcare-aware IoT
- Cloud-enabled ehealth solutions
- Fog computing/edge clouds for healthcare cloud resource allocation and monitoring
- Privacy preserving and security approaches for large scale analytics
- Case studies of smart eHealth architectures
- Big data for electronic health records
- Users' perspective of security, privacy and trust in big data analytics.
- Big data applications in context-sensitive targeted populations
- Big data enabled user studies in decision making in healthcare

