

# 2019 International Conference on Digital Health and Medical Analytics



## The Glory Grand Hotel Zhengzhou, China, August 23-25, 2019

There have been massive amounts of digital health data stored in the medical information systems. They could be a valuable source of supporting healthcare organizations' clinical practices and operations, public health management, and medical research if it is analyzed in meaningful ways. Digital technologies such as big data analytics and Artificial Intelligence (AI) are increasingly advocated as the emerging technologies in health care to fill this growing need. However, the adoption of digital technology in health care usually lags behind other industries, as some major technological and managerial obstacles still remain. Obstacles include the lack of health data integration, data overload issues, data privacy and security, and limited or inefficient data visualization. As a result, there is an urgent need for further research to technologically explore how to utilize digital health data to support evidence-based medicine using analytics approaches and demonstrate how big data analytics and AI can enable healthcare practitioners and policymakers to sufficiently address societal health concerns and challenges.

The aim of DHA 2019 is to bring together a wide spectrum of researchers, industry/start-ups and healthcare practitioners. DHA 2019 covers multidisciplinary subjects that can include communities of practice and social networks, analytics and engagement with tracking and monitoring wearable devices, big data, public health surveillance, persuasive technologies, epidemic intelligence, participatory surveillance, emergency medicine, serious games for public health interventions and automated early identification of health threats and responses. Submissions will be peer-reviewed and accepted papers will be published in the conference proceedings (EI index under application). Selected papers will be invited to extend the content for further submissions to fast tracks or special issues in the SCI/SSCI/ESCI journals.

## Conference Tracks

- Track 1: General track on digital health
- Track 2: Big data analytics and AI in digital health
- Track 3: Digital and social media in healthcare
- Track 4: Public health and policy
- Track 5: Operation and supply chain in healthcare
- Track 6: Emerging technologies in healthcare
- Track 7: Data and nursing technology
- Track 8: Smart health and intelligent systems for health and wellbeing

- Track 9: E-learning and training in healthcare
- Track 10: Health resource planning system and management

### Manuscript type

- Comprehensive research papers (10 pages)
- Short articles (6 pages: e.g., conceptual paper, case study, research note, healthcare statistics summary, and clinical report)

### Fast Track to the Journals

- Technological Forecasting and Social Chang [A, SSCI; IF 3.129]
- Journal of Health Organization and Management [SSCI]
- International Journal of Medical Science [SCI PubMed Central IF 2.84]
- Open Medicine [SCI]
- International Journal of Environmental Research and Public Health [SCI]
- Enterprise Information System [A, SCI]
- Knowledge Management Research & Practice [A, SSCI]
- Information Discovery and Delivery [ESCI]
- International Journal of Engineering Business Management [ESCI]
- 北京理工大学学报（自然科学中文版）[EI]
- 北京理工大学学报（社会科学中文版）[CSSCI; 全国中文核心期刊]

DHA 2019 accepts both comprehensive research papers and short articles. Authors of accepted papers in both formats will present their study in one of the oral presentation sessions and conference proceedings. A suggested approach would be to include an overview of the theoretical context, research objectives or questions, research methodology, main findings and conclusions. Please submit your submissions as a word document via EasyChair. All submissions will be subject to a double-blind review process.

Key dates are:

- 24 June 2019 Submission deadline (review commencing for early submission on the 10th of June)
- 30 June 2019 Notification of acceptance/rejection
- 20 July 2019 Deadline to submit revised manuscript for publication and early bird register
- 31 July 2019 Deadline for at least one author of each paper to register for DHA 2019

Please submit your submissions via the conference website ([www.dha2019.org](http://www.dha2019.org)).

DHA2019 is organized by the following institutes:

