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**International Conference on Digital Health and Medical Analytics**

**(DHA 2020)**

**July 24-25, 2020**

**Beijing Institute of Technology, Beijing, China**

**CALL FOR PAPERS**

**Overview**

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 policy makers to sufficiently address societal health concerns and challenges.

The aim of DHA 2020 is to bring together a wide spectrum of researchers, industry/start-ups and healthcare practitioners. DHA 2020 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.

**Conference Sessions**

* Session 1: General track on digital health
* Session 2: Big data analytics and AI in digital health
* Session 3: Digital and social media in healthcare
* Session 4: Public health and policy
* Session 5: Operation and supply chain in healthcare
* Session 6: Emerging technologies in healthcare
* Session 7: Smart health and intelligent systems for health and wellbeing
* Session 8: E-learning and training in healthcare
* Session 9: Online healthcare community
* Session 10: Blockchain in healthcare
* Session 11: Applications of new technologies to respond to COVID-19
* Session 12: Medical practitioner panel discussion

**Fast Track to the Journals**

* Information System Frontier [SSCI, ABS 3; IF: 2.539] [Call for papers](https://www.springer.com/journal/10796/updates/17193440)
* Internet Research [SSCI, ABS 2; IF: 4.109] [Call for papers](https://www.emeraldgrouppublishing.com/products/journals/call_for_papers.htm?id=8907)
* Industrial Marketing Management [SSCI, ABS 3; IF: 4.779] [Call for papers](https://www.journals.elsevier.com/industrial-marketing-management/calls-for-papers/artificial-intelligence-for-b2b)
* Journal of Organizational & End User Computing [SCI&SSCI, ABS 1; IF:1.093] [Call for papers](https://www.igi-global.com/calls-for-papers-special/journal-organizational-end-user-computing/1071)
* Journal of Database Management [SCI, ABS 1 ; IF:0.577] [Call for papers](https://www.igi-global.com/calls-for-papers-special/journal-database-management/1072)

**Submission**

Manuscript should be written in English or Chinese language. Please submit your submissions as a word document via EasyChair（[click submission link here](https://easychair.org/conferences/?conf=dha2020)).

Key dates are:

* 10 June 2020 Paper submission deadline
* 20 June 2020 Notification of acceptance/rejection
* 25 June 2020 Deadline for at least one author of each paper to register for DHA 2020

(Early bird date)

* 1 July 2020 Deadline for authors to submit final manuscript for publication

**Organizing Committee**

Conference Co-Chairs

* Zhijun Yan, Beijing Institute of Technology, China
* William Yu Chung Wang, University of Waikato, New Zealand
* Yichuan Wang, University of Sheffield, United Kingdom
* Dongsong Zhang, University of North Carolina at Charlotte, USA

Program Co-Chairs

* Shiwei Sun, Beijing Institute of Technology, China
* Minhao Zhang, University of Bristol, United Kingdom
* Lin Jia, Beijing Institute of Technology, China
* Luke Younghoon Chang, Beijing Institute of Technology, China
* Qiuju Yin, Beijing Institute of Technology, China

**Important Attention**

* Conference events will be organized online and offline due to the impact of COVID-2019.
* Remote presentations will be conducted via Zoom in circumstances where a travel ban prevents a presenter from attending the conference.

**Contact information**

* Web URL: <http://www.dha2020.org>

<http://sme.bit.edu.cn/gbxwzx/xshy/173917.htm>

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