



Journal of Medical Imaging and Health Informatics (JMIHI): 2015's SCI-IF 0.877

A medium to disseminate novel experimental and theoretical research results in the field of biomedicine, biology, clinical, rehabilitation engineering, medical image processing, bio-computing, D2H2, and other health related areas.

URL: www.aspbs.com/jmihi

Call for Papers

Special Issue on

Effectiveness of Search Engine and Social Networking Data in Healthcare Systems

Recent decades have witnessed an increased growth in data generated by information, communication, and technological systems, giving birth to the 'Big Data' paradigm. Advances in information technology (IT) and big data are affecting nearly every facet of the public and private sectors. The emerging paradigm of search engine, social networking and big data provides enormous novel approaches for efficiently adopting advanced networking communications and big data analytic schemas by using the existing mechanism. The rapid development of Social Networking Big Data brings revolutionary changes to our daily lives and global business, which has been addressed by recent research. Especially, analysis of Search Engine and Social Networking Big Data will revolutionize the practice of medicine in the new century, enabling the delivery of healthcare to patients anywhere in the world.

Mining of search engine and social networking data introduce basic concepts and principal algorithms suitable to conduct social network analysis based on Big Data. In other words, the existing health care systems are constantly being modified by analyzing search engine and social media data to fit particular circumstances and to solve specific problems such as home-based diagnosis and healthcare. Despite the profusion of raw data being captured by search trends and social media platforms, challenges remain in capturing, analyzing, and interpreting the big data. This special issue will concentrate on the challenging topic – "Search Engine and Social Networking Big Data", and aims to solicit both original research and tutorial papers that discuss the Opportunities, Solutions, and Challenges of search engine and Social Networking Big Data.

Any topic related to Search Engine and Social Networking Big Data aspects, including social networks, social influence analysis, big data and analysis and interpretation will be considered. The scope and interests for the special issue include but are not limited to the following list:

- Social media as an influencer in health care software
- Modeling on social influence with big data in health care systems
- Influence propagation in large- scale social networks
- Relationship between Epidemics with search engine queries
- Epidemics influence on social network data
- Social influence analysis in heterogeneous social network
- Causal relationship in large- scale social networks
- Methods for distinguishing the positive, negative, and controversy influence
- Models, methods, and tools for influence propagation
- Community detection methods with big data
- Modeling community influence in social networks
- Human behavior analysis in social networks with big data
- Recommender systems for health care using social networks with big data
- Novel secure solutions for designing, supporting and operating social networks in health care
- Trust evaluation in social networks with big data
- Detection for malicious information propagation in social networks regarding health issues.

Submission Guidelines:

All manuscripts must be submitted via mstracker.com and authors are request to write in their cover letter that their submission is for this special issue and the name of the guest editor, so that the guest editor can be notified separately. Guidelines for preparation of the manuscripts are available at the journal website http://www.aspbs.com/jmihi/instauth_jmihi.htm. Prospective authors should submit an electronic copy of their complete manuscript through the journal Manuscript Tracking System at <http://mstracker.com/submit1.php?jc=jmihi>.

Manuscript-Processing Fees: All new manuscripts submitted to this journal will be subjected to a Manuscript-Processing Fees. Research article publishing is not without occurring costs and the costs have been steadily increasing. To defray part of the publication cost, the journal will charge manuscript-processing fees, to be paid by the authors or their affiliated research institutions. The publication fee will be used to defray part of the occurring expenses associated with manuscript processing, editorial work flow, typesetting, proofreading, printing, online-hosting, and archiving. Authors or their affiliated research institutions are required to pay **US\$1080** for their articles for a special issue article from all Countries. The authors will receive the PDF version of their research papers in final form. When submitting a manuscript through online, it will be processed with an understanding that the corresponding authors fully agree to pay all manuscript-processing fees upon

acceptance. The author who submits the manuscript to the journal is fully responsible for the manuscript-processing fees. Accepted peer-reviewed manuscripts will not be processed and forwarded to production until all fees are paid in full to the publisher. Publisher will issue an invoice of manuscript-processing fees after a manuscript has been accepted for publication. Corresponding author will be asked to submit a signed Copyright Transfer Agreement (CTA) along with manuscript processing fees.

Submission Schedule:

Paper Submission: 10th August, 2018 or earlier with popular submission

Decision Notification: 10th November 2018

Camera Ready Submission: 20th November 2018

Special issue Publication: February 2019 or earlier.

Editorial Board

Lead Guest Editor

Ikram Ullah Lali, PhD

University of Sargodha, Pakistan

E-mail: ikramlali@gmail.com

Web: <https://sites.google.com/site/drikramlali/>

Guest Editor

Ali Shariq Imran, PhD

Faculty of Computer Science and Media Technology, NTNU, Norway

E-mail: ali.imran@ntnu.no