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.

Call for Papers

Special Issue on

Emerging Technology for E-Healthcare Systems

Aim and Scope

E-healthcare encompasses a range of services or systems, such as electronic health records, telemedicine, health knowledge management, m-health or mobile health and healthcare information systems. E-healthcare is especially important in countries or areas which are remote and where physical health infrastructure may be sparse. Essentially, e-healthcare enables two places with similar problems to share knowledge and technology; without having to replicate the efforts. With large-scale emerging technologies such as cloud computing, wireless networks and mobile computing solutions, such as cellular 3G, Wi-Fi mesh, WiMAX, Bluetooth, RFID, and Wireless Sensor Networks, healthcare personnel can tap into vital information anywhere and at any time within the healthcare networks. Ubiquitous healthcare, although promising, there are myriad challenges associated with realizing its vision. This special issue aims to gather researches advance methodologies, strategies, frameworks, architectures and algorithms for emerging technologies applied in e-healthcare systems.

Topics

- E-health Context awareness
- RFID for e-health applications
- Cloud computing in e-health context
- Artificial intelligence for healthcare
- Bioinformatics
- Machine learning for e-healthcare

- Medical services
- Mobile communication
- Sensors
- Medical services
- Biomedical monitoring
- smart health paradigm
- context-aware health paradigm

- mobile health
- ubiquitous computing
- health care concept
- Wireless Sensor Networks
- Bluetooth for healthcare
- electronic health records
- Ubiquitous Healthcare

Guest Editors and Editorial Board

- Guest Editors

Prof. Sabah Mohammed	Lakehead University, Canada E-mail: sabah.mohammed@lakeheadu.ca
Prof. Jinan Fiaidhi	Lakehead University, Canada E-mail: jinan.fiaidhi@lakeheadu.ca
Prof. Yvette Gelogo – Gonzales (Lead GE)	Iloilo Science and Technology University, Philippines E-mail: yvette.gelogo@isatu.edu.ph

-- Guest Editors' Short Bio —

Prof. Sabah Mohammed

Dr. Sabah Mohammed research interest is in intelligent systems that have to operate in large, nondeterministic, cooperative, highly connected, survivable, adaptive or partially known domains. His continuous research is inspired by his PhD work back in 1981 from Brunel University (UK) on the employment of the Brain Activity Structures for decision making (planning and learning) that enable processes (e.g. agents, mobile objects) and collaborative processes to act intelligently in their environments to timely achieve the required goals. Having trained in medicine with a computer science PhD in Artificial Intelligence (AI), Dr. Mohammed is full Professor at the department of Computer Science at Lakehead University (Ontario Canada) since 2002 and core professor at the BioTechnology program at Lakehead. Dr. Mohammed efforts in establishing healthcare related programs at Lakehead are notable like the specialization Health informatics, BioTechnology and the Bioinformatics programs at Lakehead. With a research background in industry and academia, he has a strong international research reputation for his work on clinical decision support systems supporting rural, ubiquitous and extreme environments. Prior to his work at Lakehead University, Dr. Mohammed was the chair of three computer science departments at HCT, Philadelphia and Applied Science Universities. He is the founder and Editor-In-Chief of the Emerging Technology of Web Intelligence (JETWI) as well as the EiC of four other peer-reviewed Open Access journals including International Journal of Extreme Connectivity and Automation in Healthcare (IJEACH), Int. J. of Artificial Intelligence and Applications for Smart Devices (IJAIASD), Int. J. of Big Data Security Intelligence (IJBDSI) and Int. J. of Multimedia and Ubiquitous Engineering (IJMUE). Dr. Mohammed is also an Associate Editor of the IEEE Access Journal. Dr.

Mohammed is currently working on the development of IoT and mobility technologies that have impact on improving healthcare services at rural areas like Northwestern Ontario region for his Smart Health Laboratory. Dr. Mohammed is also a professional engineer with research supported by major granting organizations like NSERC and CFI. More information on Dr. Mohammed can be found on his institution website http://flash.lakeheadu.ca/~mohammed.

Prof. Jinan Fiaidhi

Dr. Jinan Fiaidhi is a full Professor and the Graduate Coordinator with the Department of Computer Science, Lakehead University, Ontario, Canada since late 2001. She is also an Adjunct Research Professor with the University of Western Ontario. She received her graduate degrees in Computer Science from Essex University (PgD 1983) and Brunel University (PhD, 1986). During the period (1986-2001), Dr. Fiaidhi served at many academic positions (e.g. University of Technology (Assoc. Prof and Chairperson), Philadelphia University (Assoc. Prof), Applied Science University (Professor), Sultan Qaboos University (Assoc. Prof.). Dr. Fiaidhi research is focused on mobile, social networking and ubiquitous learning utilizing the emerging technologies (e.g. Crowedsourcing, Cloud Computing, Calm Computing, Learning Analytics, Mobile Learning, Personal Learning Environment, Social Networking, Enterprise Mashups, Big Data and Semantic Web). Dr. Fiaidhi research is supported by the major research granting associations in Canada (e.g. NSERC, CFI). Dr. Fiaidhi is a Professional Software Engineer of Ontario (PEng), Senior Member of IEEE, member of the British Computer Society (MBCS) and member of the Canadian Information Society (CIPS) holding the designate of ISP. Dr. Fiaidhi has intensive editorial experience (e.g. Editor-in-Chief International Journal of Extreme Connectivity and Automation in Healthcare (IJEACH), Editor-in-Chief of the International Journal of Software Engineering and Its Applications (IJSEIA, Department Editor with IEEE IT-Professional). More information on her publications and news can be found at her Web page: http://flash.lakeheadu.ca/~jfiaidhi

Prof. Yvette Gelogo - Gonzales

Dr. Gonzales is currently a Professor, Junior Researcher, and Cluster Chair of Computing Laboratory of in the Computer Department, Iloilo Science and Technology University, Philippines. She is also a cluster leader of ICT, Electronics and Emerging Technology Cluster of WVCIEERD Consortium, Department of Science and Technology Region 6, Philippines. She is currently working as a project leader of green packaging technology, a project funded by DOST-PCAARRD. She graduated her Master of Science in Multimedia Engineering at Hannam University, Daejeon, South Korea and received her degree in Doctor of Engineering in Computer Information and Communication Engineering at Catholic University of Daegu, South Korea. Dr. Gonzales has published 25 international journals, 15 international proceedings and 10 domestic conference proceedings. Her research areas include SCADA Security, MIPv6, Ubiquitous, healthcare, IT Security and cloud computing. For more information on her publications https://scholar.google.com/citations?user=yIGZlIEAAAAJ&hl=en

- Guest Editorial Board

Expected Dates Schedule (Important Dates)

30 October 2018: Submission Deadline

31 December 2018: Notification of Acceptance

28 February 2018: Final Version Due

Summer 2019 (or Fall 2019): Special Issue Publishing Date

Our Special Issue Merits

Our Guest Editorial Board consists of professionals in various fields such as academia, government, and industry. Therefore, our work will be progressing professionally in paper reviews and related works.

We will select some papers from related conferences and workshops and invite good papers from famous researchers of the world.

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