

# Welcome Message from the Editor-in-Chief

Dear Reader,

This note is my self-introduction to the readers of Journal of Emerging Technologies in Web Intelligence (JETWI). First, I would like to welcome you all to this JETWI inaugural issue. The field of our endeavours is all matters related to Web Intelligence in its broadest sense. This includes, of course, the Emerging Web Technologies, Artificial Intelligence Systems, Communications and Networking Systems (including mobile, pervasive, P2P, Grid) and applications of Web Intelligence systems and their interfacing. JETWI aims to achieve a scholarly balance between emerging technologies (e.g. Ubiquitous Computing, Web-Oriented Architectures, Ambient Intelligence, Mashups, Web Intelligence, Semantic Web, and Multi Agent Technologies, Cloud Computing, etc.) and the direction in which the web is developing (e.g. Web 2.0, Social Web, Web 3.0 and Web Mining, etc).

Actually, the Web Intelligence (WI) research area is undergoing a rapid expansion and is quickly becoming fundamental to the new directions being taken by the Artificial Intelligence, Advanced Information Technology, Web and Agent Intelligence scientific communities. According to WIC<sup>1</sup>, “*WI aims to explore the fundamental roles as well as practical impacts of Artificial Intelligence (AI) (e.g., knowledge representation, planning, knowledge discovery and data mining, intelligent agents, and social network intelligence) and advanced Information Technology (IT) (e.g., wireless networks, ubiquitous devices, social networks, wisdom Web, and data/knowledge grids) on the next generation of Web-empowered products, systems, services, and activities.*” With such new research trends, the Web is very different now. During the last few years, huge volumes of data have been collected and made widely available with variety of notable conferences, journals, magazines and on the Internet. There is an imminent need to turn the huge volume of data into knowledge. In response to such a grand challenge, JETWI is committed to deepening the understanding on these issues and trends to develop knowledge in and around the Emerging Technologies for Web Intelligence.

JETWI is a peer-reviewed international journal, which publishes 4 issues a year, in both electronic and hard copies. The primary target audience for JETWI includes researchers, scholars, postgraduate students and developers who are interested in Web intelligence and Emerging Technologies research and related issues. The journal features high-quality original research papers, extended conference papers and the rising scholar’s papers. Submissions of previously published papers in conference proceedings are eligible for consideration provided that the author informs the Editor at the time of submission and that the submission has undergone substantial revision. The rising scholar’s paper is one way to encourage publishing graduate student’s research (e.g. MSc, PhD). It is a short paper that provides in depth research examination of the state of the art in an area covered by JETWI research scope. The rising scholar paper author should demonstrate a critical perspective of the area, and awareness of open problems and research opportunities. Although the rising scholar paper authors may not themselves have contributed to the area, they should be as informed and analytical as those who work in it.

Finally, I would like to express my gratitude to the Editorial Board Members for their sustained support to make the launch of this new journal possible. Certainly we could not publish an outstanding journal without the extraordinary efforts of our reviewers. The willingness and expertise of the professionals who serve as reviewers are essential to maintaining technical and editorial standards. So it is with great appreciation and gratitude that I offer my thanks to each of the peer reviewers whose efforts help to ensure that this journal becomes one of the promising new Computer Science and Engineering journals. In particular, I would like to thank Dr. George Sun of the Academy Publisher, whose trust at the very beginning allows us to move the journal forward. Through the Academy Publisher, we will assure state-of-the-art benefits of a modern electronic publication. I heartily believe that we will soon receive a growing number of quality research papers from authors around the world. I hope that our new Journal of Emerging Technologies in Web Intelligence will expand in the future and we will be able to accommodate the steady influx of manuscripts assuring progress, high quality and success.

I look forward to a successful and rewarding first year of the journal as Editor-in-Chief and welcome any comments or suggestions you might have on how we can continue to improve our journal.

SABAH MOHAMMED  
*Editor-in-Chief*  
August 2009

---

<sup>1</sup> Web Intelligence Consortium (<http://wi-consortium.org/>)

### The EiC Professional Career



Upon graduation in 1977, Dr. Mohammed joined Sony as a maintenance Engineer. In 1979 he joined Glasgow University for his graduate studies where he obtained his Post-Graduate Diploma and Masters in Computing Science. After that he continued his PhD graduate studies in Computer Science at Brunel University, London, UK where his PhD thesis was about developing an intelligent system for designing adaptive computer architectures. After his PhD graduation, Dr. Mohammed joined several academic institutions as Assistant/Associate Professor of Computer Science including (BU, Amman University, Philadelphia University, Applied Science University and HCT). During this period (1986-2001), Dr. Mohammed chaired several Computer Science and Information Systems departments including (Philadelphia University, Applied Science University, HCT). Since late 2001, Dr. Mohammed is full Professor of Computer Science with tenure at Lakehead University, Ontario, Canada. Dr. Mohammed also served as a Visiting Professor at the Laurentian University, Department of

Math and Computer Science during Winter 2007. Currently Dr. Mohammed is serving also as an Adjunct Research Professor at the University of Western Ontario (2009-2012).

Dr. Mohammed has co-authored four text books in Compilers, Artificial Intelligence, Java Programming and Applied Image Processing and most recently editing a book on Ubiquitous Health and Medical Informatics for the IGI Global Publisher. Dr. published over 90 refereed publications and was the MSc advisor for 17 students and 1 PhD student. Dr. Mohammed has received research support from a variety of governmental and industrial organizations. Dr. Mohammed organized two international conferences as well as chairing several conference sessions besides being as an IPC member of several notable conferences. Dr. Mohammed is the coordinator of Northern Ontario Web Intelligence research group that was established during 2003.

Dr. Mohammed's research interests include Web Intelligence, Ubiquitous Computing, Web-Oriented Architectures, Ambient and Mobile Computing, Image Processing for Ubiquitous Images and Medical Informatics. Dr. Mohammed is also on the editorial boards of several other journals (e.g. Computer Aided Engineering and Technology- Inderscience, Journal of Universal Computing-Springer, International Journal of Computing and Information Sciences-IJCIS Publishers, International Journal of Network Security- IJNS Publisher, International Journal of Pattern Recognition and Machine Intelligence- International Scientific Publishers and Journal of Computer Science-Academy Publisher). Dr. Mohammed is a member of the British Computer Society, Professional Software Engineer of Ontario, Professional member of the ACM, CIPS and IEEE.