

# Introducing the JETWI Associate Editor-in-Chiefs

I am pleased to introduce the distinguished Associate Editor-in-Chiefs of the JETWI.

SABAH MOHAMMED

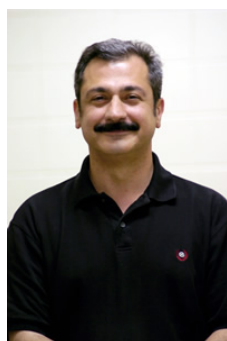
*Editor-in-Chief*

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**Prof. Dr. Abdulmotaleb El Saddik.** Abdulmotaleb El Saddik (F'IEEE) is University Research Chair and Professor, SITE, University of Ottawa and recipient of the Professional of the Year Award (2008), the Friedrich Wilhelm-Bessel Research Award from Germany's Alexander von Humboldt Foundation (2007) the Premier's Research Excellence Award (PREA 2004), and the National Capital Institute of Telecommunications (NCIT) New Professorship Incentive Award (2004). He is the director of the Multimedia Communications Research Laboratory (MCRLab). He is a Theme co-Leader in the LORNET NSERC Research Network. He is Associate Editor of the ACM Transactions on Multimedia Computing, Communications and Applications (ACM TOMCCAP), IEEE Transactions on Multimedia (IEEE TMM) and IEEE Transactions on Computational Intelligence and AI in Games (IEEE TCIAIG) and Guest Editor for several IEEE Transactions and Journals. Dr. El Saddik has been serving on several technical program committees of numerous IEEE and ACM events. He has been the General Chair and/or

Technical Program Chair of more than 20 international conferences symposia and workshops on collaborative haptic-audio-visual environments, multimedia communications and instrumentation and measurement. He was the general co-chair of ACM MM 2008. He is leading researcher in haptics, service-oriented architectures, collaborative environments and ambient interactive media and communications. He has authored and co-authored two books and more than 200 publications. He has received research grants and contracts totaling more than \$10 million and has supervised more than 90 researchers. His research has been selected for the BEST Paper Award three times. Dr. El Saddik is a Senior Member of ACM, an IEEE Distinguished Lecturer and a Fellow of the IEEE.



**Prof. Dr. Hamid Arabnia.** Hamid R. Arabnia received a Ph.D. degree in Computer Science from the University of Kent (Canterbury, England) in 1987. Dr. Arabnia is currently a Full Professor of Computer Science at University of Georgia (Georgia, USA), where he has been since October 1987. His research interests include Parallel and distributed processing techniques and algorithms, interconnection networks, and applications (in particular, in image processing, medical imaging, and other computational intensive problems). Dr. Arabnia is Editor-in-Chief of The Journal of Supercomputing published by Springer and is on the editorial and advisory boards of 28 other journals and magazines. He is the recipient of William F. Rockwell, Jr. Medal for promotion of multi-disciplinary research (Rockwell Medal is International Technology Institute's highest honor). In 2000, he was inducted to the World Level of the Hall of Fame for Engineering, Science and Technology (The World Level is the highest possible level for a living person). He has received a number of awards, including, The Johns Hopkins University National

Search (Certificate of Achievement) in recognition of his contributions to the national program for enhancing the quality of life for people with disabilities through the application of computing technology. In 2006, he received the Distinguished Service Award in recognition and appreciation of his contributions to the profession of computer science and his assistance and support to students and scholars from all over the world; this award was formally presented to him on June 26, 2006 by Professor Barry Vercoe (Massachusetts Institute of Technology / MIT). More recently (October 14, 2007), Prof. Arabnia received an "Outstanding Achievement Award in Recognition of His Leadership and Outstanding Research Contributions to the Field of Supercomputing". This award was formally presented to him at Harvard University Medical School (signatories: Lawrence O. Hall, President of IEEE/SMC; Zhi-Pei Liang, Vice President of IEEE/EMB; Jack. Y. Yang, General Chair of IEEE BIBE and Harvard University; Mary Qu Yang, Chair of Steering Committee, IEEE BIBE and NIH). Dr. Arabnia has published extensively in journals and refereed conference proceedings. He has over 300 publications (journals, proceedings, editorship, editorials) in his area of research.



**Dr. Richard Chbeir.** Richard Chbeir received his PhD in Computer Science from the University of INSA-FRANCE in 2001. The author became a member of IEEE since 1999. He is currently an Associate Professor in the Computer Science Department of the Bourgogne University, Dijon-France. His research interests are in the areas of multimedia information retrieval, XML and RSS Similarity, access control models, multimedia document annotation. Dr. CHBEIR has published in international journals and books (IEEE Transactions on SMC, Journal of Methods of Information in medicine, JDIM, etc.), conferences (ACM SAC, Visual, IEEE CIT, FLAIRS, PDCS, etc.), and has served on the program committees of several international conferences (IEEE SITIS, ACM SAC, IEEE ISSPIT, EuroPar, etc.). He is currently the Chair of the French Chapter ACM SIGAPP.



**Prof. Dr. Jinan Fiaidhi.** Jinan Fiaidhi is Full Professor with tenure of Computer Science at the Lakehead University. She is also an Adjunct Research Professor with the University of Western Ontario. She received a Ph.D. degree in Computer Science from Brunel University in 1986, a Postgraduate Diploma in Microprocessors Programming from Essex University in 1983 and a Diploma in Production Engineering from the University of Technology in 1978. Her research interest involves Personal Learning Environments, Collaborative Learning, Virtual Multimedia Learning Objects, Mobile Learning, Collaborative Learning at the Enterprise Level and at the Web, Applications of Mashups in Learning, Developing Learning Infrastructures (e.g. P2P, Mobile, Wireless, Grid, Web 2.0), Learning Ontologies and Folksonomies, and Learning Reasoners.



**Prof. Dr. Daniel Lemire.** Daniel Lemire is a Full professor in Computer Science at the University of Quebec at Montreal (UQAM) and an adjunct professor at the University of New Brunswick. He is a member of the research center in Cognitive Computer Science LICEF. Previously, he was a research officer at the National Research Council of Canada where he led the e-Health Research Group and an assistant professor at Acadia University. He was also a post-doctoral fellow at the Biomedical Engineering Institute. He has a B.Sc. and M.Sc. in Mathematics from the University of Toronto, and a Ph.D. in Engineering Mathematics from the Ecole Polytechnique. His research interests include Collaborative Data Management, Information Filtering and Retrieval, Database Theory, e-Learning, and Data Warehousing.



**Prof. Dr. James Peters.** James F. Peters is Co-Founder and Research Group Leader in the Computational Intelligence Laboratory and Full Professor in the Department of Electrical and Computer Engineering (ECE) at the University of Manitoba. He received a Ph.D. in Constructive Specification of Communicating Processes (1991, Kansas State University) and was a Postdoctoral Fellow, Syracuse University, and Rome Laboratories (1991), Asst. Prof., University of Arkansas and Researcher in the Mission Sequencing and Telecommunications Divisions at the Jet Propulsion Laboratory/Caltech, Pasadena, California (1992-1994), and is now a Full Professor in the Department of Electrical and Computer Engineering (ECE) at the University of Manitoba. In 2002, he collaborated with Zdzislaw Pawlak on the description of perceptual objects. This later led to the discovery of near sets, a generalization of rough sets and an ideal framework for perceptual systems and pattern recognition. It has recently been proved that the family of near sets is a chopped lattice. Since 2006, more than a dozen journal articles either directly or indirectly about nearness of objects, nearness approximation spaces, near images, nearness relations and various types of near sets have been published in refereed journals and international conferences. In April, 2008, Dr. Peters received the International Journal of Intelligent Computing and Cybernetics best journal article award. In 2007, He received a Best Paper Award from Springer, Berlin and Joint Rough Set Symposium 2007 (JRS 2007) Program Committee, for a paper on robotic target tracking with approximation space-based feedback and approximate adaptive learning capability. In 2007, Dr. Peters was a plenary speaker on image pattern recognition and biologically-inspired adaptive

learning at two international conferences (JRS 2007, Toronto and RSEISP 2007, Warsaw). In 2009, he is the Honorary Chair and Keynote speaker at the Int. Conf. on Man-Machine Interface (ICMMI 2009), Poland and Keynote speaker at the Int. Conf. On Rough Sets, Fuzzy Sets & Soft Computing (RsFs&Sc 2009), India. He is also recipient of the IEEE Gold Medallion Award Medal (2000). He also is Co-Editor-in-Chief of the Transactions on Rough Sets Journal published by Springer-Verlag, and has served as Guest Editor for the International Journal on Intelligent Systems, 1999, 2001, 2002, 2009. His current research interests are in computational intelligence (especially relative to fuzzy sets, near sets and rough sets), tolerance spaces, image analysis, perceptual systems (e.g., perceptual information systems that result from sample precepts), pattern recognition, telerehabilitation and therapeutic telegaming in pervasive computing environments. He has also done considerable research in ethology and image processing, adaptive learning, biologically inspired designs of intelligent systems (vision systems that learn), the extension of ethology (study of behaviour of biological organisms) to the study of intelligent system behaviour.



**Prof. Dr. Weiming Shen.** Dr. Weiming Shen is a Senior Research Scientist at the National Research Council Canada. He is an Adjunct Full Professor at the University of Waterloo and an Adjunct Research Professor at the University of Western Ontario. He received his Bachelor (1983) and Master's (1986) degrees in Mechanical Engineering from Northern Jiaotong University, China and his PhD degree (1996) in Computer Engineering from the University of Technology of Compiègne, France.

He has been working on intelligent agents and applications to collaborative engineering design, intelligent manufacturing, virtual enterprises, and collaborative sensor networks since 1992. He has published three books and over 300 papers in scientific journals and international conferences, and co-edited about 20 books or conference/workshop proceedings in the related areas. His book titled "Multi-Agent Systems for Concurrent Intelligent Design and Manufacturing" was based on his many years first-hand experience. It was the first and is still the only book in the world systematically describing the agent technology for engineering design and manufacturing. After the publication of this book, he has been invited to provide 40+ invited lectures/seminars at different academic and research institutions over the world and keynote presentations/tutorials at various international conferences.

In addition to academic research, he has spent a lot of his efforts in transferring his knowledge and research results to industry and developing industrial applications, particularly, applications of agent-based dynamic scheduling technology to aircraft maintenance, to manufacturing shop floor scheduling and multi-plant production coordination, to production launch process modeling and optimization. Three software licenses have been issued to related collaboration partners.

He is an Associate Editor or Editorial Board Member of eight international journals and served as guest editor for several other international journals. He has been Program Committee Co-Chair of the CSCWD conferences since 2001 and served as Chair/Co-Chair or Program Committee member for 80+ international conferences/workshops during the past 10 years. He is a Senior Member of IEEE and a member of ASME, CSCE, ACM, and AAI. He is a registered Professional Engineer in Ontario.



**Prof. Dr. Yiyu Yao.** Yiyu Yao is a Professor of Computer Science with the Department of Computer Science, University of Regina, Canada. He is an adjunct Professor of International WIC Institute at Beijing University of Technology, Xi'an Jiaotong University, and Chongqing University of Posts and Telecommunication. Dr. Yao's research interests include web intelligence, information retrieval, uncertain reasoning, non-classical logics, fuzzy sets, rough sets, interval computing, granular computing, data mining, intelligent agents, and applications of measurement theory, decision theory and information theory. Dr. Yao is actively involved in several research initiatives, including Web intelligence (2000-), rough sets (1990-), granular computing (1997-), information retrieval support systems (2001-), and research support systems (2003-).