

International Domain Experts

The Domain Experts Board of IJOP consists of unlimited number of talented experts who have demonstrated their unflinching commitment to the IJOP, its mission, objectives and its high standards. Their sole role is to efficiently serve as specific domain expert advisors to the editor, assist with the solicitation and publication of research articles and perspectives in their domains, promote the goals of IJOP, periodically review theme issues proposal that needs the knowledge of domain experts, vote on the selection of the best papers to be awarded and published in the journal, and contact sponsors for financial support for IJOP. Ajith Abraham received Ph.D. degree from Monash University, Australia. He works as a Professor under the South Korean Government's Institute of Information Technology Advancement (IITA) program. His primary research interests are in computational intelligence with an application focus including network security, Web services, Web intelligence, multi criteria decision-making, data mining etc. He has authored/co-authored over 300 research publications in peer reviewed reputed journals, book chapters and conference proceedings of which five have won 'best paper' awards.

He has given several plenary talks and conference tutorials. He is the editor-in-chief / co-editor in chief of three international scientific journals and also serves the editorial board of several reputed International journals. He has guest edited 21 special issues for International scientific journals. Since 2001, he is actively involved in the Hybrid Intelligent Systems (HIS) and the Intelligent Systems Design and Applications (ISDA) series of International conferences. He is the General Co-chair of the First Asia Modeling Symposium, Phuket, Thailand; Third International Symposium on Information Assurance and Security (IAS'07), Manchester, UK; Seventh International Conference on Intelligent Systems Design and Applications (ISDA'07), Brazil; and the Program Chair/Co-Chair of the First European International Conference on Data Mining (EICDM'07), Lisbon; Second International Conference on Digital Information Management (ICDIM'07), France; Third International Conference on Next Generation Web Services Practices (NWeSP'07), Seoul; and The Seventh International Conference on Hybrid Intelligent Systems (HIS'07), Germany.

Khaled Assaleh is an associate professor of Electrical Engineering at the American University of Sharjah (AUS), Sharjah, UAE. Prior to joining AUS in August 2002, he had a 9-year career in R&D following the completion of his PhD in 1993 from Rutgers University, New Jersey. From March 1997 to July 2002, he was with Conexant Systems Inc (formerly Rockwell Semiconductor Systems) in Newport Beach, California. He was a group leader of engineering with the wireless communications division where he led and directed projects related to speech recognition and enhancement. From March 1997 to December 2000, he was with the Network Access Division as a senior staff engineer where he worked on application of speech processing and recognition for voice over IP, central site modem, and fax engines. Prior to that, Dr. Assaleh was a senior staff engineer with Motorola Inc. in Phoenix from November 1994 to March 1997 where he was involved in several projects at Motorola in the secure communications area. Dr. Assaleh won the Motorola Engineering Award in 1996. From October 1993 to November 1994, Dr. Assaleh was a research professor at the CAIP center of Rutgers University. As a research professor he was an associate investigator for several government funded projects in the area of secure access control using speaker authentication. Throughout his research as a PhD candidate, Dr. Assaleh's work was funded by USAF, DoD, and other US governmental agencies. His PhD research was the nucleus of the Speak-EZ technology for speaker authentication. Dr. Assaleh holds 10 US patents and has published more than 45 articles in fields related to signal processing and pattern recognition. His research areas include biometrics, bio-signal & image processing, and pattern recognition. Robert Biddle is Professor of Human-Computer Interaction in the Faculty of Arts and Social Sciences in Carleton University in Ottawa, Canada. He has degrees in Applied Analysis and Computer Science from the University of Waterloo and a PhD from the University of Canterbury. He is a member of the Ottawa-Carleton Institute for Computer Science, the Computer Science graduate degree granting body of both Carleton University and the University of Ottawa, and also a member of the graduate faculty of the Department of Psychology at Carleton University. He has worked with industry and research organizations, and given courses and presentations in many countries. He holds diplomas in both childhood and adult education, and has won several awards for teaching excellence at tertiary level. His two main research areas are Human-Computer Interaction and Software Design. His current active projects are in agile methods for software development, in the design of novel software systems such as video-games, wikis, and end-user development environments, and in new approaches to computer security

Issam W. Damaj received his Bachelor of Engineering (BE) degree in Computer Engineering from Beirut Arab University in 1999 (with high distinction), and his Master of Engineering (ME) degree in Computer and Communications Engineering from the American University of Beirut in 2001. He was awarded his Doctor of Philosophy (PhD) degree in Computer Science from London South Bank University, London, United Kingdom in 2004. Currently, he is an Assistant Professor of Computer Engineering at the American University of Kuwait (AUK) and the Program Lead of Computer Engineering. Before joining AUK, he was an Assistant Professor of Electrical and Computer Engineering and the chairperson of the Department of Electrical and Computer Engineering, Dhofar University, Oman. His research interests include hardware/software co-design, embedded system design, reconfigurable computing, computer interfacing applications, parallel processing, engineering formal methods, and software engineering. Beside many scientific papers, book chapters, and journal articles, he is a continuous speaker on numerous conferences and scientific events. He is a member of the International Domain Experts Board of the International Journal of Patterns (IJOP). He has been a member of several international conferences program committees. He has several invited honors including Who's Who in the World and Who's Who in Science and Engineering. He is a Member of the IEEE professional organization and the order of Engineers in Beirut. Aditya Ghose Mamdouh Halawa is currently an Assistant

Professor at the Electrical Engineering Department, Faculty of Engineering, Hail University (Kingdom of Saudi Arabia); prior to that (2002 - 2007) Dr. Halawa was a doctor researcher at National Institute for Standards (NIS, Egypt). From 1999 to 2002, while preparing for his Ph. D. degree, he was an assistant researcher in electrical metrology department in NIS, Egypt. During his Research's career, Dr. Halawa has been the Principal Investigator and Leader of funded research projects with NIST, US and IEN, Italy in the field of Metrology. Two Ph. D. and 5 M. Sc. theses have been discussed under his supervision in Egypt. Dr. Halawa published twenty five scientific papers in refereed journals and international conferences related to the field of Metrology. He designed and delivered industrial training courses in the areas of Metrology and ISO/IEC 17025. Dr. Halawa is also working as a technical assessor for the electrical activities in NLAB and EGAC (full membership in ILAC). He is also a Referee for EURAMET in branch of electrical metrology. For 22 years, Mamdouh Halawa has been a Researcher at the National Institute for Standards, Cairo, Egypt. He is a Lecturer of Engineering Physics at the Helwan University (Egypt) and Hail University (Saudi Arabia). Dr. Halawa received his BSEE, MSEE and PhD in Electrical Engineering from the Ain Shams University in Cairo, and is a member of the following scientific committees: "Egyptian Contact Person for EUROMET (electricity and magnetism)", "Egyptian Engineering Syndicate (Scientific Committee)", "Egyptian Society of Metrology (Electrical Department)", "Egyptian Society of Engineering", "Egyptian Center of Quality Studies and Consultancies", "National Laboratories Accreditation Bureau in Cairo. (Full membership in ILAC)", "International Electrotechnical Commission (IEC) in Cairo", and "The EGYPT SECTION # 4100 COORDINATOR (the regional NCSLI organization in Egypt), USA Journal of Metrology (Measure). So he is fully aware of the international operations of the electrical metrology domains. He is married and lives in Nasr City, Cairo.

Tarek Helmy is an assistant professor in the department of Information and Computer Science, College of Computer Science and Engineering at King Fahd University of Petroleum and Minerals (KFUPM). He received his Ph.D. in Intelligent Systems from Kyushu University, Japan in 2002. Formally, He has been employed as an assistant professor at Kyushu University (Japan) for 2 years. He is one of the founders of KODAMA (Kyushu University Open & Distributed Autonomous Multi-agent) project for building scalable, flexible and secure multi-agent systems, which can operate in a worldwide computing environment based on agent-oriented programming paradigm. He participated as a main member in the NL Voice Interface for Controlling Audio-Video equipment's project, which supported by the Japanese Ministry of International Trading. He also participated as a main member of the Multi-agent based EC system as an integration technology for the next Web generation project. Currently, he is leading a Multi-Agent Based Ubiquitous Approach for Personalized Information Systems research group at KFUPM. His research interests include Distributed Systems, Multi-Agent Systems, agent oriented programming, Personalized Web services, and Cooperative Intelligent Systems. He has published more than 40 papers in major international journals and conferences in the field of intelligent agents, agent oriented programming, Web intelligence, distributed systems, and human computer interaction. Dr. Helmy is on the program/organizing committee of various international journals/conferences in the field of intelligent agent systems and distributed systems. Beside a many scientific papers and journal articles, Dr. Helmy acts as a general chair and co-chair of some international conferences and workshops Jan Jurjens is a Senior Lecturer (comparable US Assoc. Prof.) at The Open University (the British distance university in Milton Keynes near London), having previously lead the Competence Center for IT-Security, Software & Systems Engineering, TU Munich (Germany). Doctor of Philosophy in Computing from the University of Oxford and author of "Secure Systems Development with UML" (Springer, 2004), "IT Security" (Springer, forthcoming), and various publications on computer security and safety and software engineering. Founding chair of the working group on Formal Methods and Software Engineering for Safety and Security within the German Society for Informatics (GI) and member of the executive board of the Division of Safety and Security within the GI, the executive board of the committee on Modeling of the GI, the advisory board of the Bavarian Competence Center for Safety and Security, the working group on e-Security of the Bavarian regional government, and the IFIP Working Group 1.7 "Theoretical Foundations of Security Analysis and Design". Ali Jaoua is a faculty member of computer Science and engineering department, University of Qatar, since 2000, in leave from University of Manar (Tunisia), where he supervised the Research Group on Algorithmic and Heuristics (URPAH: 50 Members). He obtained the degree of "Docteur es-Science" (1987) from the University Paul Sabatier of Toulouse (France), "Doctor Engineer" (1979) from Institute Polytechnic of Toulouse, and "Engineer in Computer Science" from ENSEEIHT of Toulouse (1977). His research areas are Software and Information Engineering. He has been working on the Use of Relational Methods in Computer Science since 1984, and the application of formal concept analysis in Information Engineering since 1990. He has been Invited Prof./researcher in the following universities: University Joseph Fournier, Grenoble, France, July 2004, University of Sherbrooke (Canada), in 1989, Sophia-Antipolis (I3S) (France) during December 1991. He has been associate Professor in computer science in Laval University (Quebec, Canada), 1989-1992. He has been invited speaker for some international conferences and universities during the last ten years. He also has organized several conferences in computer science, and has been the seminar coordinator for about 12 years of his carrier. He supervised about 12 Phd-thesis defended mostly on conceptual information engineering, and several Masters. He published about 35 papers in International Journals, and many conferences, and contributes in several books. He is a Member of the Steering Committee of Relational Methods in Computer Science Group, RELMICS, and Editorial member of the associated electronic journal (JORMICS), Member of the Editorial Board of the Journal of Computing, since 2004. Member of The International Reviewers Committee of the Journal of Web Engineering, since 2005. He has also been member of many associations in computer science. Research Interests:

Software Engineering, Program Fault Tolerance Software patterns. Information Engineering, Data mining, Formal Concept Analysis, Text Mining, Structured Browsers, Machine Learning, Meta-Search Engine Design and Implementations, Conceptual Cooperative Information Systems, Automatic pre-readers Design and implementation In 1999 I left Klagenfurt University and joined UBS AG in Zurich, Switzerland as a business analyst. There I as mainly

working on software architecture and producing interface specifications for data sourcing in a data warehouse project. I left UBS at the end of 2001 and became an associate professor with the department of information systems of Massey University in New Zealand. In 2004 Klagenfurt University awarded me the habilitation degree in Applied Informatics. I taught information systems design at University of Klagenfurt (Austria), National Technical University of Kharkiv (Ukraine), Federal University of Campina Grande (Brazil), University of Chiangmai (Thailand), and Massey University (New Zealand). At Massey so far I worked on various aspects of systems design with the focus being database design, Web information systems design, workflow design, design of intelligent assistant systems, and lately decision making for choosing the most appropriate software process for a development project at hand. The core of my scientific interests is a theory of conceptual modeling. That theory is supposed to cover and organize well the pragmatic aspects of software development. When conditions admit I continue to research algebraic aspects of graphs.

Roger King's interests include database integration, database-centric website development, and animation. He is the author of over 60 technical papers. He is on the steering committee for the Encyclopedia of Life (EOL), an international portal development effort sponsored by the Smithsonian and intended to provide centralized access to information on all known living species. His team has developed a first release of the EOL portal and it has been deployed in an experimental mode. His research has been supported by DARPA, NSF, the Smithsonian, ONR, the US Navy, the DOE, the US Army, Martin Marietta, IBM, AT&T, and U S WEST. He has been an editor with several major journals, and has served as the program chair for numerous international conferences. Buzz has graduated several PhD students who have risen to prominence as academics, industrial leaders, and entrepreneurs. Buzz received an A.B. in Mathematics from Occidental College in 1977, and a Ph.D. in Computer Science from the University of Southern California in 1982. In 1982 he joined the faculty of Computer Science at the University of Colorado in Boulder, and currently has the rank of full Professor.

Vitus S.W. Lam is currently working at The University of Hong Kong. He received a PhD in computer science from University of Bath, UK. Dr. Lam is the associate editor, technical editors, editorial members and reviewers of various journals as well as acted as program committees and reviewers for numerous international conferences. Vitus is a chartered member of the British Computer Society and was the Vice Chairman of the British Computer Society (Hong Kong Section) for 2001-2002. He has published widely in international conferences and journals. His research interests include automated software engineering, formal methods, UML, pi-calculus, model checking, e-commerce, business process management, Web services and workflow patterns. He is a chartered engineer and a member of the IEEE.

Mohamad Ladan has over 8 years of experience in the area of computer hardware & software industry. He has worked as computer /software engineer and technical consultant for major companies in Lebanon, USA, and Canada. In addition, he has over 9 years of teaching and training experience in the area of computer hardware & software and Information Technology. He received the B. Eng.(Honors) In Electronics and Communication Engineering from Alexandria University/Beirut Arab University in 1986, and M.Sc. and the Ph.D. degrees in Computer Engineering from Syracuse University, Syracuse, N.Y., USA, in 1990 and 1995 respectively. His Master study was focused on Advanced Computer Architecture and VLSI Design, and his Ph.D. study was focused on Parallel and Distributed Computing Systems Software Engineering. He joined the faculty at Haigazian University in 2001 and is currently the Chairman of the Mathematical Sciences Division and an Associate Professor in the computer science department. In addition, he is the chairperson of the Computing Services Committee at Haigazian University and is a computer science Lecturer at the American University of Beirut. Prior to joining Haigazian University he was an assistant professor of computer engineering and computer science at Beirut Arab University. He has received a number of awards that include: Tuition Scholarship and Research Assistantship from the Computer Engineering Department and the Networking and Computing Services Center at Syracuse University from 1990 to 1995, a Syracuse University "Best Student Worker" recognition award in June 1994 for his contribution in developing both the Job Information System, a campus-wide database system for managing and finding jobs for students on and off-campus, and the Syra-CWIS system, an Internet/Netscape-Based information system for Syracuse University, and an Honor student status in the Faculty of Engineering at Beirut Arab University from 1981 to 1986. Dr. Ladan has several research publications in the areas of distributed and parallel computing, object-oriented software, internet programming, and e-learning. He participated in several international computer and IT related conferences, and is a referee, technical committee member, and an organizational team member of several international conferences. He is a Member of the Order of Engineers in North America and in Lebanon, and a member of ACS. His main research areas are: Parallel and distributed Software Engineering Web Services and internet programming Computer Networks and wireless communication. E-learning.

Jens Lichtenberg received his B.Sc. and M.Sc. degree in Business Informatics from the Clausthal University of Technology, Germany in 2002 and 2004, respectively. He is currently a Ph.D. candidate in Bioinformatics at Ohio University, USA, and the President of the Regional Student Group Ohio for the Student Council of the International Society of Computational Biology. His research interests include regulatory genomics and proteomics. Volker Luckas studied Computer Science and Mathematics with focus on optimization algorithms at the University of Technology in Darmstadt, Germany, where he received his M.Sc. (Dipl.-Inform.) in 1995. From 1995 till 2000, he has been a full-time researcher at the Fraunhofer Institute for Computer Graphics in Darmstadt. In 2000 he received his PhD from the University of Technology in Darmstadt for his research about the element based, efficient and rapid creation of 3D visualizations and 3D animations. From 2000 till June 2004, he has been the head of the department "Animation and Image Communication" (A3) at the Fraunhofer Institute for Computer Graphics in Darmstadt, Germany. Since June 2004 Volker Luckas is working as a full professor for Computer Science at the University of Applied Sciences Bingen/Rhine.

Volker Luckas is also a professional member of the ACM, the ACM SIGGRAPH and the Gesellschaft für Informatik e.V. (GI). His main research areas are: Object-oriented Programming, Data Structures and Algorithms, Computer Graphics, Computer Animation, Geometric Modeling, Scientific Visualization, Image Processing, Visualization and Graphics in Education. Rajib Mall obtained his Bachelor's, Master's, and Ph.D. degrees --- all from Indian Institute of Science, Bangalore, India. He is currently working as a Professor at the Computer Science and Engineering Department of Indian Institute of Technology, Kharagpur, India. His research interest is mainly in the areas of program analysis and testing object-oriented programs. He has published about one hundred refereed papers in his areas of work. He is also the author of two books.

Tokuro Matuso (Ph.D, M.S, B.Edu) is working as an associate professor at Graduate School of Science and Engineering in Yamagata University since 2006. His current research interests include designs on Agent-mediated Electronic Commerce Support Systems, designs on e-Auction Protocols, Qualitative Reasoning and Simulations, e-Learning Support Systems and University Information Support Systems based on Information Reuse and Integrations. He received the Doctor degree of Engineering from Dept. of Computer Science at Nagoya Institute of Technology in 2006. He is a member of AAAI, IEEE, and several others. He is a conference chair / program chair of IEEE/ACIS ICIS 2010, ACIS SNPD 2009, ACIS IWEA 2009, IEEE/WIC/ACM ECBS 2009, ACNA 2009, IEEE IWEA 2008, ACAN 2008, IEEE IWEA 2007, IEEE PRIWEC 2006, RRS 2006, and RRS 2005. He is a principal investigator of Grant for Doctorate Receiver (C and C (NEC) Foundation, 2007-2008), Research grants for young researchers (Japan Ministry of Education, 2006-2008, 2009-2012), Research Grant (Japan Science Research Foundation, 2003-2004) and more than other 20 research grants in years past.. RAJASREE MS is a Professor in Computer Science at LBS Institute of Technology for Women, Poojappura, Trivandrum. I have received my B Tech degree in Computer Science from regional Engineering College, Calicut in 1990. Took my Masters degree and Doctorate from Indian Institute of Technology, Madras, both in Computer Science. I have been working as a faculty member in CS for the past sixteen years. The title of my PhD thesis is : Quality Estimation Models for Software Development Using Object-Oriented Design Structures.

This thesis concentrates on quality estimation models for software design using the design structures derived from design patterns. I have around 10 publications out of this work.

My research areas are:

Software Engineering

Design patterns

Quality estimation models

Deistributed Computing Khaled Ahmed Nagaty was born in 1960 at Giza Egypt, I obtained my B.Sc. in Statistics from Cairo University in 1982. I obtained my M.Sc. in operating systems from Cairo University in 1990. My Ph.D. was in Pattern Recognition, I obtained it from Cairo University in 1999. I was an Assistant Professor of Computer Science until 2006 at Ain Shams University in Egypt. Now, I am an Associate Professor of Computer Science at Ain Shams University. My research interests are focused on Pattern Recognition, Image Processing and Biometrics. Taymoor Nazmy is a professor of Computer Science at Ain Shams University, Cairo, Egypt. His research includes Image processing and pattern recognition. He has published more than 40 papers in international journals, and conference proceedings. He has been involved in more than 30 conferences and workshops. He has been practicing, teaching and researching for over 20 years. He served in faculty of science, and education as a lecturer for over 12 year. Currently he is the director of the university information network, vice dean for social and environmental affairs. He was PI for more than funded project local and international. He is the responsible for developing and administration of Ain Shams University web site.

Francisco Milton Mendes Neto received the Bachelor's degree in computing science from the State University of Ceará, Brazil, in 1997. He received the MSc degree in informatics in 2000 from the Federal University of Paraíba, Brazil, for his work on environments to support web-based collaborative learning. Dr. Mendes Neto received the PhD degree in Electrical Engineering from the Federal University of Campina Grande, Brazil, in 2005 for his work on knowledge management and computer-supported learning. In 1998, he joined the Superintendence of Corporate Systems of the Federal Service of Data Processing, where he was the manager of projects of Computer-Supported Learning and of Learning Communities of the Brazilian Federal Government. In 2006, he joined the Rural Federal University of the Semi-Arid (UFERSA), where he is currently Associate Professor of the Graduate Program in Computer Science. Dr. Mendes Neto is a member of the Brazilian Computing Society, of the Brazilian Knowledge Management Society, of the IEEE (Institute of Electrical and Electronics Engineers), of the IEEE Education Society, of the IEEE Computational Intelligence Society, of the ACM (Association for Computing Machinery). Dr. Mendes Neto is also member of the Committee of Program of the Conferences EATIS 2006, accomplished in Santa Marta, Colombia, and EATIS 2007, accomplished in Faro, Portugal.

Robin G. Qiu is with Department of Information Science, Pennsylvania State University, USA and also an Endowed Chair Professor of the College of Economics and Management, Nanjing University of Aeronautics and Astronautics, Nanjing, China. He is the founder of the IEEE International Conference on Service Operation and Logistics, and Informatics. He is the founding Chair of Services and Logistics Technical Committee of IEEE Intelligent Transportation System Society, and also the founding Chair of the Service Science Section in INFORMS. His research interests include service science and informatics, business component modelling and computing, services innovations, service-oriented architecture, and control and management of manufacturing systems. He has over 100 publications including about 40 refereed journal papers, four edited book/proceedings, and three book-chapters. Tongjun (Roger) Ruan received his master degree from Computer Science Department of Shandong University of Tech. Jinan City, Shandong Province, China and doctoral degree from Energy Geology School of China University of Geosciences, Beijing, China. From 1978 to 1992 he was a faculty of Computer Science Department of Shandong

University of Tech. From 1996 to 1999 he was an associate professor at Electrical Engineering School of Shandong University of Tech. From Jan. 2000 to July 2000 he was a visiting professor at California Polytechnic State University, USA. From Aug. 2000 to 2002, he was a visiting scientist at REACT Group/PRRC, New Mexico Tech. USA. From 2003 to present, he is a research scientist at REACT group/PRRC/NMT, USA. His main research areas are: * Soft computing application in exploration of petroleum and gas * Computer Simulation of geological process * Fuzzy Expert System and Fuzzy Control * Real-time database * MIS Mehmet Sayal Mehmet Sayal is a senior research scientist at Hewlett-Packard Labs. He received M.S. in computer science and Ph.D. in computer engineering from Northwestern University, Illinois, U.S.A., in 1996 and 2000 respectively. He has more than 20 publications in business intelligence, data mining, time series analysis, web services, B2B interactions, workflow management, content delivery networks, and auction optimization domains. He has five granted U.S. patents and 12 U.S. patent applications in process.

Jason McC. Smith is a researcher at IBM Watson Research in the Hudson River Valley of NY, USA, where he pursues software understanding tools and techniques. He received his Ph.D. in Computer Science from the University of North Carolina at Chapel Hill in 2005, where he created SPQR, a practical toolset to detect instances of known design patterns directly from unannotated source code in a language independent manner. To this end, Dr. Smith developed the rho calculus, a reliance-based denotational semantics for defining interactions among OO code elements; the Elemental Design Patterns catalog, a suite of formalized concepts that are the basis of OO design; the concept of isotopic analysis, which alleviates the need for slavish adherence to pattern structures, while retaining their semantic components and inherent flexibility; and POML, the Pattern/Object Markup Language, as a practical XML interchange format for the description of the hierarchical semantics and abstractions of programming. Unable to avoid seeing patterns everywhere he looks, Dr. Smith believes that semantic awareness of the abstractions of programming is the foundation of comprehension and maintainability of code. His background in physics (B.S. University of Washington 1993) and mathematics (B.S. University of Washington 1993) gives him a practical approach to the field: theory drives tools which drive understanding which drives development. Side projects along the way have included a stint as a professional military flight simulator developer, and the FaceTop distributed document collaboration video conferencing environment for pair programming. Currently, Dr. Smith is involved with several internal projects at IBM ranging from deep understanding of legacy code, to guiding the development of Business Process Patterns. He maintains a strong collaboration with UNC as well, and is working with the next generation of graduate students interested in patterns research. Himanshu Thapliyal received his B.Tech in Computer Engineering in 2004 from G.B. Pant University of Agriculture & Technology, Pantnagar, India. In 2006, he received MS by research in VLSI design from International Institute of Information Technology, Hyderabad, India. 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His main research areas are: * High Performance Computing * Reversible Logic/ Quantum Computing * Computer Arithmetic * Hardware Cryptography and Reconfigurable Computing Haibin Zhu is an associate professor of the Department of Computer Science and Mathematics, Nipissing University, Canada. He received B.S. degree in computer engineering from Institute of Engineering and Technology, China (1983), and M.S. (1988) and Ph.D. (1997) degrees in computer science from the National University of Defense Technology (NUDT), China. He was a visiting professor and a special lecturer in the College of Computing Sciences, New Jersey Institute of Technology, USA (1999-2002) and a lecturer, an associate professor and a full professor at NUDT (1988-2000). He has published more than sixty research papers, four books and one book chapter on object-oriented programming, distributed and collaborative systems, and computer architecture. He is serving and served as co-chair of the technical committee of Distributed Intelligent Systems of IEEE SMC Society, editor for the International Journal of Intelligent Control and Systems, guest editor for the special issue of "Collaboration Support Systems" for IEEE Trans. on SMC(A), guest associate editor for the CIT 2005 special issue for the International Journal of Pervasive Computing and Communications, program vice chair for the 2007 SIWN International Conference on Complex Open Distributed Systems (CODS'2007) Chengdu, China, 22-24 July 2007, publicity chair for the 2007 International Symposium on Collaborative Technologies and Systems (CTS 2007), May 21-25, 2007, Orlando, FL, USA, organizer for the workshop on "Role-Based Collaboration" of the 2006 ACM International Conference on Computer-Supported Cooperative Work (CSCW'06), program committee member for more than 10 international conferences. He is the recipient of the Best Paper Award from the 11th ISPE International Conference on Concurrent Engineering (ISPE/CE2004), the 2004 and 2005 IBM Eclipse Innovation Grant Awards, the Educator's Fellowship of OOPSLA'03, a 2nd Class Nation-Level Award of Excellent Textbook from the Ministry of Education of China (2002), a 2nd Class Nation-Level Award of Education Achievement from Ministry of Education of China (1997), three 1st Class Ministry-level Research Achievement Awards from DOD of China (1997, 1994, and 1991), and a 2nd Class Excellent Textbook Award of the Ministry of Electronics Industry of China (1996). Dr. Zhu is a senior member of IEEE, a member of ACM and a life member of the Chinese Association for Science and Technology, USA. His main research areas are: * Collaboration Technology, Role-Based Collaboration * CSCW, HCI, E-Learning * Software-Engineering, Software Components * Object Modeling, Object-Oriented Systems * Distributed Intelligent Systems, Autonomic Computing Alireza Zolghadrasli was born in Fasa (Fars province-Iran) in 1955 and received the B.S. degree in electrical and electronic engineering from Shiraz University, Shiraz, Iran in July 1978. He

received two M.Sc. degrees and a Ph.D. in electronic, signal & data processing and image processing, respectively in 1980, 1981 and 1985 from Institute Polytechnic of Grenoble (INPG), France. In 1985, he joined the Department of Physics of University of Chambery (France) as an assistant professor. In 1988, he joined the University of Science of Grenoble (IUT), France, as an associate professor and researcher. In 1990 he joined Shiraz University, Iran, and is currently an associate professor in communication system at the Electrical Engineering Department of Shiraz University. He has published about 70 articles in international journals and conferences proceedings. Besides, he is co-author and translator of 2 scientific books in Persian. He has supervised about 30 M.Sc. and Ph.D thesis in communication systems domain. He has been a member of scientific and technical committees in well known conferences in communication and image processing areas (ICEE and MVIP) since 1993. He is a member of editorial board of international journal of science and information technology of Iran (IJIST). He was chosen as an outstanding researcher in electrical engineering domain in 2003 and 2005 at Shiraz University. He is also a distinguished member of EE society of Iran. His research interests include Signal and Image processing, Communication Systems and mobile systems.