

## International Editorial Board

The editorial board is responsible for putting laying together the goals and objectives of IJOP. The International Editorial Board consists of approximately 50 expert individuals who are solely committed to the exploration for high-quality research papers that are suitable for publication in the IJOP. These key individuals will work with the editor to achieve objectives of IJOP, execute the editorial responsibilities of the IJOP, contribute and encourage developers to contribute articles, publicize and advertise for the IJOP, periodically review four to six articles per year and one theme issue to assess their quality, relevance, and readability. Contribute at least one submission to IJOP or its BLOG. Additionally, members of the Editorial Board will also vote on the selection of high quality papers. Ashraf Ahmad obtained his PhD degree in Computer Science and Engineering from National Chiao Tung University (NCTU) in Taiwan. He obtained his B.Sc. degree from Princess Sumya University for Technology (PSUT) in Jordan. Dr. Ahmad is currently an assistant professor at the department of computer Graphics in PSUT, Jordan. His interest area includes multimedia semantic features extraction, and analysis, multimedia retrieval, and multimedia communication. Prof. Ahmad has authored over 50 scientific publications including journal papers, conference papers and book chapters. In addition, Dr. Ahmad has several US and international patents in his field of expertise. He serves in program committee for several international conferences. He is also a reviewer and referee for several conferences and journals. His work has been published and presented at various international conferences.

Dr. Ahmad has been listed in Who's Who in the World for the year 2006 and Who's Who in Asia for the year 2007. In addition, He has been elected as one of the 2000 Outstanding Intellectuals of the 21st Century for the year 2006 for his outstanding contribution in field of Video Processing and Communications. Ashraf Ahmad has been chosen as one of the recipients of Leading Scientist award in the year 2006. In 2008 Dr. Ahmad and his team won the first place in both Jordan and Middle East Level in the world wide international competition Imagine Cup for their novel project in Air Pollution Detection using video analysis. Again Dr. Ahmad and his team won the first place in METS&rsquo;08 competition for their project in Bluetooth Mobile Application field. Prof Ahmad was Plenary Lecture in The 8th International Conference on ARTIFICIAL INTELLIGENCE, KNOWLEDGE ENGINEERING and DATA BASES (AIKED'09).

Omar Aldawud is a software Engineer at Alcatel-Lucent and a lecturer in the Computer Science department at Illinois Institute of Technologies. Omar's research is focused on advanced object oriented techniques such as modeling Aspect Oriented systems using UML, Aspects and Design Patterns and Dynamic adaptability of software systems using Agent oriented technologies and data mining techniques. Omar has numerous publications related to these topics and was the first to propose a UML profile for AOSD. Omar is on the organization committee of all Aspect Oriented Modeling with UML workshops held in conjunction with Models and AOSD conferences. Hesham Arafat ali is an associated Prof. in Information systems and associated Prof. in computer Engineering. He received a BSc in electrical engineering (electronics), and MSc and PhD in computer engineering and automatic control from the Faculty of Engineering, Mansoura University, in 1987,1991 and 1997, respectively. He was assistant professor at the University of Mansoura , Faculty of Computer Science In 1997 up 1999. From January 2000 up to September 2001, he was joined as Visiting Professor to the Department of Computer Science, University of Connecticut, Storrs. From 2002 up to 2004 he was a vice dean for student affair the Faculty of Computer Science and Information, University of Mansoura. He was awarded with the Highly Commended Award From Emerald Literati Club 2002 for his research on network security. Since 2003 he has been an associate professor at the Computer Engineering Department, Faculty of Engineering, University of Mansoura. He is a founder member of the IEEE SMC Society Technical Committee on Enterprise Information Systems (EIS). He has served as a reviewer for many high quality journals, including Journal of Engineering Mansoura University. International Arab Journal of Information technology, The International Journal of Information Technology and Web Engineering. His interests are in the areas of network security, mobile agent, Network management, Search engine, pattern recognition, distributed databases, and performance analysis.

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Miklós BIRÓ has a Ph.D. in mathematics (operations research) from the Loránd Eötvös University in Budapest, an Executive MBA (Master of Business Administration) degree from ESC Rouen, France, and a Master of Science in Management degree from Purdue University, USA. He is fluent in Hungarian, English, and French. He is an associate professor at the Department of Information Systems of Corvinus University of Budapest with 30 years of software engineering and university teaching (including professorship in the USA), and 20 years of management experience. He initiated and managed the Hungarian participation in numerous European multinational projects and organisations committed to information technology process improvement (European Software Institute, Bootstrap Institute). He was the initiator and head of the Information Society Technologies Liaison Office in Hungary for the European Union's 5th Framework Programme. He is invited as expert consultant by Hungarian and international organizations (European Commission; Irish National Policy and Advisory Board for Enterprise, Trade, Science, Technology & Innovation~Forfás; Communications Authority of Hungary; Hungarian Committee for Technological Development; Investment and Trade Development Agency of Hungary; Hungarian Airlines; United Nations Industrial Development Organization~UNIDO; International Software Consulting Network;...). He has numerous publications in international scientific and professional journals (Wiley Software Process Improvement and Practice, American Society for Quality Software Quality Professional, Springer Lecture Notes in Computer Science, Software Process Newsletter, European Journal of Operational Research, Zeitschrift für Angewandte Mathematik und Mechanik, Optimization, Information Processing Letters, Discrete Mathematics, Journal of Advanced Transportation, Acta Cybernetica) and conference proceedings. He is the co-author of Hungarian and English language books on operations research and decision models, software engineering, software process improvement and business motivations. He is member of the Editorial board of the journal Software Process Improvement and Practice published by John Wiley & Sons, and founding president of the professional division for Software Quality Management of the John von Neumann Computer Society. He is the Hungarian member of Technical Committee 2 (TC-2) Software: Theory and practice of the International Federation for Information Processing (IFIP) . He is member of several other professional bodies and societies.

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She is an active member of a number of societies such as the ACM and its Special Interest Group on Computer Science Education (SIGCSE) since 1988 and the Egyptian Software Process Improvement Network (SPIN) since its inception in 2003. She is the author/co-author of more than 40 scientific papers, articles and columns. She reviewed papers for more than 30 international conferences and journals. Pao-Ann Hsiung received the B.S. degree in Mathematics and the Ph.D. degree in Electrical Engineering from the National Taiwan University, Taipei, Taiwan, ROC, in 1991 and 1996, respectively. From 1993 to 1996, he was a Teaching Assistant and System Administrator in the Department of Mathematics, National Taiwan University. From 1996 to 2000, he was a post-doctoral researcher at the Institute of Information Science, Academia Sinica, Taipei, Taiwan, ROC. From February 2001 to July 2002, he was an assistant professor in the Department of Computer Science and Information Engineering, National Chung Cheng University, Chiayi, Taiwan, ROC. He is currently an associate professor. Dr. Hsiung was the recipient of the 2001 ACM Taipei Chapter Kuo-Ting Li Young Researcher for his significant contributions to design automation of electronic systems. This award is given annually to only one person under the age of 36, conducting research in Taiwan. Dr. Hsiung was also a recipient of the 2004 Young Scholar Research Award given by National Chung Cheng University to five young faculty members per year. Dr. Hsiung is a senior member of the IEEE, the IEEE Computer Society, a senior member of the ACM, and a life member of the IICM. He has been included in several professional listings such as Marquis' Who's Who in the World (starting from the 17th Millenium Edition, 2000), Marquis' Who's Who in Asia (starting from the 1st Edition, 2007), Outstanding People of the 20th Century (2nd Edition, 2000, International Biographical Centre, Cambridge,

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Benamrane Nacera is an assistant Professor in the Department of Computer Science of University of Science and Technology of Oran, Algeria where I give courses on theory of computation, programming theory, parallel programming, Image processing and computer vision. I received my BS degree in Computer Science from the Université of Oran, the master degree and a PhD from the Université of Valenciennes, France. Since 1992-1993 I was a technician and research assistant at Université of Valenciennes, France. I supervised several research projects and participated as a program committee and reviewer of many international conference, such as IEEE/GMAI2005, IEEE/MEDIVIS2006, META&rsquo;06, COSI2005-2007, LANIA2007. I was a member of the French association of opérationnel resarci, I supervise more than 15 master thèses since 1995 and continue to supervise master thesis and doctorate thesis. I have more than 25 papers published in journals, conference proceedings and one in book. My main research topics are on computer vision, image processing, medical imager, artificial intelligence, data mining and pattern recognition Selmin NURCAN obtained her engineer degree in computer sciences at INSA-Lyon (National Institute of Applied Sciences) in 1986. She joined then the Information Systems Engineering Research Centre where she received her PhD in computer sciences in 1991 and worked on knowledge representation and CSCW till 1995. She is currently associate professor at IAE de Paris &ndash; University Paris 1 Panthéon Sorbonne and researcher at CRI (Centre de REcherche en Informatique). Her research activities include enterprise modelling, enterprise architecture and business/IT alignment, process (re)engineering, change modelling, cooperative IS engineering and business process management. She has an extensive teaching experience in the areas of enterprise computing, information systems and ICT, including enterprise knowledge development, organizational change modelling, business process and workflow engineering, CSCW, IS engineering and project management. She actively participated to the development of EKD-CMM, a multi-method for defining the organizational change and more generally for guiding the engineering activities for enterprise modelling and business/system alignment. She currently works on intention driven modelling formalisms in order to measure their ability to represent adaptive and flexible business processes (intra or inter enterprises). She is interested to the enhancement of IS engineering methods aiming to anticipate business/IS alignment and IS governance requirements. Selmin is author or co-author of 80 research papers, co-president of the ECI (Communicating Enterprise and Interoperability) Working Group of the National Research Associations GDR I3 and GDR MACS of CNRS, co-organizer of the 8th Workshop on Business Process Modelling, Development, and Support (BPMDS'07), co-chair of the BPM Track (Business Process Management) during the four last editions of the IRMA (Information Resources Management Association) International Conference and an active member of the French Association of Process Pilots. She supervised 19 research and 84 professional master thesis since 1995. She is acting as a program committee member of a number of international and national conferences and she is serving on the editorial board of International Journal of Innovation and Learning and on the editorial advisory board of the Advances in End-User Computing Book Series. Toacy C. Oliveira is an Associate Professor of Computer Science at Pontifical Catholic University of Rio Grande do Sul (PUCRS), Brazil and Adjunct Professor at the University of Liverpool, UK. Prof. Toacy is currently member of ACM and received his PhD in 2001 from the Pontifical Catholic University of Rio de Janeiro (PUC-Rio). He has published several articles on Software Engineering journals such as IEEE Transactions of Software Engineering and the Journal of System and Software. His main areas of research are related to Software Reuse and Automated Software Engineering. Toacy started his career as a Software Engineer in 1992 after finishing the Computing Engineering course. At that time, he and some colleagues engaged on an endeavor to develop a pure Object Oriented Programming Language, and its supporting infrastructure (Compiler, Linker, Virtual Machine and an Integrated Development Environment such as Visual Basic). In the beginning of 1995, TOOL (The Object Oriented Language) was released for beta test at Brazilian Ministry of Defense (Navy) and was successfully used to develop some tactical systems. In the middle of 1995 Toacy started to develop his academic career when he

joined PUC-Rio as a Master Candidate and two years later as a PhD Candidate. During this period Toacy participated as a Project Leader on another venture: the conception and development of a CASE Tool aimed at designing and generating code for object-oriented applications based on the UML specification. 2GOOD (2nd Generation Object Oriented Design) was sponsored in a cooperation between LMF/PUC-Rio (Formal Methods Lab at PUC-Rio) and Siemens AG (former Equitel Brasil). 2GOOD was released in the mid 1999 as an academic product. In 1998, as an extension of previous work, Toacy was hired by the Brazilian Navy as a part time contractor to lead the creation of a development infrastructure for several decision support systems based on the concept of Object Oriented Frameworks and supporting material. This job supported many of Toacy's PhD ideas about software reuse process systematization. By the end of 1999, Toacy joined LES at PUC-Rio (Software Engineering Lab at PUC-Rio), where he met Prof. Carlos Lucena, his mentor and PhD advisor. Together they started working on the underlying aspects of Object Oriented Framework development. By this time Toacy also started to cooperate with the University of Waterloo, Canada, where he met Professor Don D. Cowan and ended as postdoctoral fellow in 2002 for one and a half years. When in Waterloo Toacy worked with the Computer Systems Group (CSG) at the David Sheriton School of Computer Science. During his stay in Canada, Toacy joined the University of Liverpool Master in IT program, where he is currently Adjunct Professor. After returning to Brazil, Toacy joined PUCRS as an Associate Professor in 2004. His major duties at PUCRS are teaching Software Engineering courses, supervising several industry projects in Software Engineering and advising students at both undergrad and graduate levels. Among the courses taught by Toacy are Software Development with UML, Software Reuse and Automated Software Engineering. Currently Toacy coordinates two major projects: PDS Quantiza and SOFA. PDS Quantiza is a commercial project sponsored by Quantiza Systems Inc. aiming at i) deploying software processes compatible with CMMi Level 2 Process Areas and; ii) developing a programming infrastructure to facilitate construction of Web and Rich-Client Applications. The infrastructure is realized as an Eclipse Plugin and contains an Object Oriented Framework, an UML Profile to expose the framework's characteristics at design level and a transformation engine to convert UML models into Java and XML code. SOFA is an academic project where graduate and undergraduate students develop several small applications under the Automated Software Engineering umbrella, based UML models' manipulation.

Claus Pahl is currently a Senior Lecturer at Dublin City University, School of Computing. Dr. Pahl graduated from the Technical University of Braunschweig in 1990. He received a Ph.D. from the University of Dortmund in 1996. Before his current appointment he has been employed at other universities in Ireland, Denmark and Germany. Dr. Pahl's main research area is Software and Systems Engineering. He has been working on software engineering technologies, where he has investigated software service technologies including semantic services and architectures. Specific interests include service process architectures and architectural patterns, model-driven service engineering, and service integration architectures. E-learning technologies form a systems engineering research interest that is looked at from both an educational and a technical perspective, focusing on software and architecture technologies for teaching and learning systems. Dr. Pahl has published more than 140 papers. He is the editor of a book on applications of software architecture for learning technology systems. He has been an invited speaker and an invited panellist at conferences and workshops in the area of service engineering. He is a reviewer for several journals (including Theoretical Computer Science, Formal Aspects of Computing, World-Wide Web Journal, Intl. Journal of Software and Knowledge Engineering, Distributed Systems Online, Intl. Journal of Web Services and Information Systems, and Computers & Education) and publishers. He is on the editorial review board of three journals. Dr. Pahl has been on more than 40 programme committees of conferences and workshops over recent years, including the European Conference on Web Services, the Symposium on Software Composition, and the International Software Engineering Conference. He is currently the Programme Committee Co-Chair of the IEEE-supported European Conference on Web Services and will be its General Chair in 2008. Dr. Pahl is the course director of the M.Sc. in Software Engineering at Dublin City University. He has developed and accredited this degree programme with colleagues and he has been chairing the degree's programme board since. He also chairs the programme board of the M.Sc. in Computer Applications.

Dietmar Pfahl joined the Schulich School of Engineering at the University of Calgary in July 2005. He holds the position of Associate Professor. Before moving to Canada, he was group leader, project manager, and department head with the Fraunhofer Institute for Experimental Software Engineering (10 years), project manager with Siemens Corporate Technology (7 years), and research staff member with the German Aerospace Research Establishment (1 year). Dr. Pfahl has more than 15 years of experience in conducting and leading national and international research and transfer projects with software industry, including organizations such as Bosch, DaimlerChrysler, Dräger, Ericsson, and Siemens. Dr. Pfahl received his PhD degree (Dr. rer. nat.) in Computer Science from the University of Kaiserslautern, Germany. He is member of two editorial boards, serves on many program committees of international conferences, and has been program co-chair of the International Conference on Software Process in 2007. Dr. Pfahl has more than 60 refereed publications. His current research interests include quantitative software project management, software process analysis and improvement, and simulation-based learning and decision support. One focus of his research is the identification of software process patterns. Dr. Pfahl is a senior member of the Association of Computing Machinery (ACM), an affiliate member of the IEEE Computer Society, an affiliate fellow of the Institute of Mathematics and its Application, and a member of the German Computer Society.

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David Rine earned his PhD from the University of Iowa in 1970. David Rine has been practicing, teaching and researching engineered software development for over thirty years. Prior to joining George Mason University he served in various leadership roles in the IEEE Computer Society and co-founded two of the technical committees. He joined George Mason University in 1985 and was the founding chair of the Department of Computer Science and one of the founders of the (Volgenau) School of Information Technology and Engineering. Rine has received numerous research, teaching and service awards from computer science and engineering societies and associations, including the IEEE Centennial Award, the IEEE Pioneer Award, the IEEE Computer Society Meritorious Service Awards, the IEEE Computer Society Special Awards, and the IEEE Computer Society 50th anniversary Golden Core Award, the historical IEEE Computer Society Honor Roll and Distinguished Technical Services Awards. He has been a pioneer in graduate, undergraduate and high school education, producing computer science texts and leading establishment of the international Advanced Placement Computer Science program for the nation's high school students, co-designer the first computer science and engineering curriculum (1976) and the first masters in software engineering curriculum (1978). He has been an editor of a number of prestigious software-oriented journals. During his tenure he has authored over 300 published works and has directed many PhD students. Complementing his work at GMU, he has worked on many international technology and relief projects in various countries and made many life-long international friendships. His past students are the most important record of his technical achievements

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Software Development. Dr. Wong's research focus is on the development of technology to help practitioners produce high quality software at low cost. In particular, he is doing research in the areas of software testing, maintenance, reliability, metrics, and QoS at the application, as well as architectural design, level. He has published over 100 refereed papers in journals and conference/workshop proceedings. Dr. Wong has served, or is serving, as special issue guest editor for the Journal of Systems and Software, Software Practice and Experience, Software Quality Journal, the International Journal of Software Engineering and Knowledge Engineering, and the Journal of Software Testing, Verification & Reliability, and as program chair for QSIC 2007, ACM SAC-SE 2008 & 2007, IWSC 2007 & 2006, AST 2007, Mutation 2006, ISSRE 2005, SEKE 2005, COMPSAC 2004, etc. Guandong Xu is a Research Associate at the Internet Technology & Application Research Laboratory and a PhD candidate (will complete this year) in the School of Computer Science & Mathematics, Victoria University, Australia. He used to be an Associate Professor and Head of School at the School of Computer Science & Engineering of Wenzhou University, China from 1998-2004 and a visiting professor with Department of Mathematics & Computing, University of Southern Queensland, Australia in 2002. He received his MEng. in 1992 and BEng in 1989 in Computer Science, and Automation Control from the School of Computer Science & Engineering, School of Information Science & Technology of Zhejiang University respectively. He has published over 30 research papers on the conferences and journals in the areas of Web Mining, especially Web Content & Usage Mining, Advanced Web Applications, such as Web Search, Recommendation & Personalization, Data Mining and Knowledge Discovery, Biomedical/Biomechanical Data Mining, Signal Analysis and Modelling, Automatic Control, Instrument and Instrumentation Engineering. He serves as the Publication Chair of APWEB'08 conference, and has been an external Reviewer for a number of international journals and conferences, such as WWWJ, CIKM, APWeb, WAIM, WIDM, ADC, ACSC, APCCM, ADCS, MMM etc. George Yee is a Senior Research Officer (Senior Scientist) in the Information Security Group, Institute for Information Technology, National Research Council Canada (NRC). Prior to joining the NRC in late 2001, he spent over 20 years at Bell-Northern Research and Nortel Networks. George received his Ph.D. (Electrical Engineering), M.Sc. (Systems and Information Science), and B.Sc. (Mathematics) from Carleton University, Ottawa, Canada, where he is currently an Adjunct Research Professor. George is on the Editorial Review Board of several journals, including the Journal of Autonomic and Trusted Computing and the International Journal of E-Business Research. He is a Senior Member of IEEE, and member of ACM and Professional Engineers Ontario. His research interests include security and privacy for e-services (including security patterns), using software agents to enhance security and privacy, and engineering software for security, reliability, and performance. Peter Stanchev

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