About the Contributors

Gregoris Mentzas is Professor of Information Management at the School of Electrical and Computer Engineering of the National Technical University of Athens (NTUA) and Director of the Information Management Unit (IMU), a multidisciplinary research unit at the University. During the 2006-2009 period, he serves in the Board of Directors of the Institute of Communication and Computer Systems of NTUA. His area of expertise is information technology management and his research concerns the integration of knowledge management, semantic web and e-service technologies, collaboration and workflow management, corporate knowledge management in e-government and e-business settings. He has spoken at conferences and guest seminars worldwide, and is internationally known for his scholarly work in the area of knowledge management and e-government. Prof. Mentzas holds a Diploma Degree in Engineering (1984) and a Ph.D. in Operations Research and Information Systems (1988), both from NTUA. During 1996-1997 he was a Visiting Fellow in the UK, in the area of “Information Management Systems in Business Transformation”.

Andreas Friesen is senior researcher and project manager at SAP Research. His research interests comprise for more than 4 years application of semantic technologies in software engineering. He is currently working on new technologies merging model-driven and ontology-driven software engineering methods. In this role he is shaping the vision of hybrid software engineering approach combining the benefits of the well established software modeling methodology with the expressive descriptive power of ontologies and logical reasoning and its application for SAP and partner ecosystem. Previously he was coordinating a project on semantic Business Process Fusion for heterogeneous Enterprise Applications especially providing process-oriented interoperability solutions for cross-organizational application integration scenarios. Dr. Friesen is with SAP Research for over 4 years working on different research projects. He holds a Doctoral Degree from the University of Siegen and is author of around 30 articles and scientific papers.

Spiros Alexakis studied Computer Science at the University of Karlsruhe and visited a post graduate course in Economics. After two years at SIEMENS he joined CAS Software in 1992 as a software engineer. In the following he became System Engineer and Project Manager. Since 1996 he is in the position of Director Innovation & Business Development, in charge of innovation management, business development and research. Spiros has collected extensive experience in management of research initiatives. He has co-ordinated over 20 international research projects, that have delivered successful
and exploitable results. He has published a number of papers on collaborative working, customer relationship management and enterprise application integration. Spiros has been a member of the FUSION management board, in charge of the validation pilots.

**András Balogh** was born in Tatabánya, Hungary on 15 October 1981. He started his studies at the Faculty of Electrical Engineering and Informatics at the Budapest University of Technology and Economics. He took part in several competitions during his university years (most significant results: 1st place: IBM 48 Hours Programming Contest, 2nd place: University Scientific Conference). András has been a member of the FUSION management board, in charge of the validation pilots. He has published articles on a variety of topics. His focus is on technical rather than on scientific issues, and he is experienced in a wide range of current technologies and tools. In the context of FUSION, András has developed a graphical tool for (semantic) process design, and was involved in the use case planning and implementation.

**Markus Bauer** started his career in 1998 as researcher at the research group Programmstrukturen at Forschungszentrum Informatik (FZI) in Karlsruhe. In 2003, he became manager of the research group Programmstrukturen leading nine full-time researchers. During his time at FZI, his work was focused on software architecture, software reengineering and software quality. In 2005, he joined CAS Software AG, where he is now leading the development of the company’s next generation CRM software and the underlying software platform. In the frame of FUSION Markus worked on the implementation of cross organisational business processes using semantic web services. Markus Bauer has received a PhD from Universität Karlsruhe for his work on the analysis of subsystem structures in object-oriented software systems. He published approx. 15 research papers on software architecture, software reengineering and software quality.

**Veli Bicer** has worked in various projects at all stages of software development life-cycle. He has extensive experience in Business Process Management Systems, Semantic Web Technologies, Web Services, Ontologies, P2P networks, Agent Technologies, e-Health systems and Trust and Security Services. He has worked on several IST projects, namely IST-1-002104-STP SATINE, IST-1-002103-STP Artemis, IST-027074-STP SAPHIRE and IST-02765-STP RIDE.

**Thanassis Bouras** holds a Diploma from the School of Electrical and Computer Engineering of the National Technical University of Athens (Greece). His Thesis was in the area of System Analysis and Design for Knowledge Management Applications. In the past, he has worked on several ATHOC (ATHENS 2004 Olympic Games) projects. During the last 5 years, he has participated as research engineer in several EC and National co-funded projects in the areas of knowledge management (INKASS), business and semantic interoperability (FUSION, COMMIUS), assisted and independent living (SOPRANO) and e-learning (ELEVATE). He is currently a research engineer at the Institute of Communication and Computer Systems of NTUA. His current research interests include the emerging semantic web and business (re-) engineering of media that support knowledge distribution and transfer in an intra- and inter- organizational level and web services that implement e-Business and e-Government applications.

**Stijn Christiaens** is a researcher at the Semantics Technology and Applications Research Laboratory (STARLab) at the Vrije Universiteit Brussel in Brussels, Belgium. He is currently working on theories, methods and tools to support ontology creation and maintenance at the domain expert level.
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Asuman Dogac is full professor in the Department of Computer Engineering of Middle East Technical University (METU). She is also the founder & director of Software Research and Development Center, METU and the general manager of the SRDC Ltd. Her expertise includes Internet Computing, semantic Web, agent technology, interoperability, e-Business, and eHealth. She has been consulting the industry and government organizations. In 2004, Dr. Dogac received IBM (USA) Faculty award. She is also the recipient of several local awards: 1991 Mustafa Parlar Research Award, 1994 Husamettin Tugac Research Award, 1999 METU Achievement Award, 2000 METU Tarik Somer Superior Achievement award, 2000 Mustafa Parlar Science award and 2001 Tarik Somer award. She has published more than 100 papers in refereed international conferences and journals including Communications of the ACM, IEEE Transactions on Software Engineering, IEEE Transactions on Information Technology in Biomedicine, Information Systems Journal (Elsevier), Journal of Parallel and Distributed Databases and the ACM Computing Surveys.

Marwane El Kharbili is working in the ARIS research department of IDS Scheer AG, working on IDS Scheer’s business rules management solution for business process management (BPM). As part of his research activities, Marwane is involved in various research projects, such as the European project SUPER (www.ip-super.org). Marwane is also a PhD student currently working on his thesis tackling semantic compliance management issues in BPM. His topics of interest are business rule management, business process management, semantic web, compliance management, and complex event processing. Marwane has an engineering degree (Diplom-Inform. Eq. Master) from the university of Karlsruhe in Germany and a Masters degree of engineering (ingenieur informatique) from the ENSIMAG school of applied mathematics and informatics at the Grenoble INP university in France.

Catarina Ferreira da Silva is currently a post-doc research assistant at the Centre for Informatics and Systems of the University of Coimbra (CISUC) within the Information Systems Group. Previously she was a teaching and research assistant in computer science department of University of Lyon I and in the collaborative Information Systems research team of LIRIS UMR 5205 lab (Laboratory of Computer Graphics, Image and Information Systems). She holds a Ph.D. (2007) from the University of Lyon 1 and a M.Sc. (2003) from the French Institute of Applied Science (INSA) of Lyon, both in computer science. Her main research interests are Semantic Interoperability, Semantic Web, Information Systems Interoperability, Knowledge Representation and Reasoning.

Klaus Fischer is DFKI Research Fellow and head of the Multiagent System (MAS) Research Group at DFKI. He holds a diploma and doctoral degree from Technische Universität (TU) in München. In 1992 he joined the MAS Research Group at DFKI in Saarbrücken and assumed the responsibility of group leader in November 1993. He is deputy head of the department of Agents and Simulated Reality. In his work he has a long record of successfully managed projects for industrial partners as well as for public authorities.

Veronica Gacitua is a postgraduate research student at the School of Computing at Dublin City University. Previously, she has worked as an enterprise architect in a large size mining company for three years. The main projects during this period encompassed the creation of an architectural instrument to support IT planning within the company, and the initialisation of a long-term enterprise applications architecture migration project. The support to IT planning has been provided through the initial and
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incremental development of an enterprise architecture that relates IT assets, business processes and organizational units of the company. The architectural migration has considered the migration from a heterogeneous enterprise applications architecture toward a service-oriented architecture. She has graduated in Electronic Engineering and obtained a master degree in Electronic Engineering from the Universidad Técnica Federico Santa Maria, Chile.

Parisa Ghodous is currently full professor in computer science department of University of Lyon I. She is head of collaborative Information Systems team of LIRIS UMR 5205 (Laboratory of Computer Graphics, Images and Information Systems). Her research expertise is in the following areas: Interoperability, Semantic Web, Web services, Collaborative modeling, Product data exchange and modeling and Standards. She is in editorial boards of CERA, ICAE and IJAM journals and in the committees of many relevant international associations such as concurrent engineering, ISPE, Interoperability.

Panagiotis Gouvas graduated in 2004 from the School of Electrical and Computer Engineering of the National Technical University of Athens (NTUA). His Diploma Thesis was in the area of Mobile and Personal Communications (Location Based Services in Wireless LANs). During 2001-2009 period, he participated as software and research engineer in several research ICT, IST and e-Contact projects. At present, he is a PhD candidate in the School of Electrical & Computer Engineering at NTUA, as well as, a research associate in the Institute of Communication and Computer Systems of NTUA. His research interests lie in the field of Multi-Agent systems, Service Oriented Architectures, Knowledge Representation and Management, Semantic Web and Grid-based architectures.

Christian Hahn is a research scientist at the MAS research group at DFKI. He holds a Diploma in computer science from the University of Saarbrücken in 2004. He has been doing research and development on agent-based systems, model-driven systems engineering, and software development methodologies the last 4 years. He has experience from a number of IST projects including ATHENA and INTEROP in FP6, and SHAPE in FP7.

Yildiray Kabak has been working as a software engineer for research and industrial projects in eBusiness and eHealth domains since year 2000. Yildiray Kabak has extensive expertise on Internet Computing, Semantic Web Technologies, Agent Technology, Interoperability, e-Business, e-Health and IT Security & Privacy. Yildiray is a PhD candidate in METU Computer Engineering Department. He has developed middleware applications for eHealth and tourism systems including an ebXML and web based framework for the testing of Integrating Healthcare Enterprise (IHE) Profiles. He also has worked on several IST projects, namely IST-2000-26429 HERMES, IST-2000-31050 AgentAcademy, IST-2000-31046 HUMANTEC, IST-1999-20216 LEVER, INCO DC 97 2496 MARIFlow, MEDFORIST, IST-1-002114-2496 MARIFlow, MEDFORIST, IST-1-002104-2496 MARIFlow, MEDFORIST, IST-1-002104-2496 MARIFlow, MEDFORIST, IST-1-002104-2496 MARIFlow, MEDFORIST, IST-1-002104-2496 MARIFlow, MEDFORIST, IST-1-002104-2496 MARIFlow, MEDFORIST, IST-1-002104-2496 MARIFlow, MEDFORIST, IST-027074-2496 MARIFlow, SAPHIRE, IST-02765-2496 MARIFlow, RIDE, IST-213031 iSURF and IST-027306 ABILITIES.

Akos Kiss studied Electrical and Computer Engineering at Budapest University of Technology and Economics. Since September 2006 he is working as Java Developer and Project Manager at InfomatiX Ltd. In the frame of FUSION, he has developed the integration between CRM systems and HR databases.
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Dimitrios Kourtesis is a Research Associate at the South East European Research Centre (SEERC) in Thessaloniki, Greece, and a PhD candidate in the Department of Computer Science at the University of Sheffield. He holds an MSc (Distinction) in Software Engineering and Telecommunications, and a BSc (Hons) in Computer Science, both from the University of Sheffield. His research interests are in the areas of Service Oriented Computing and Semantic Web Technologies, and he has worked in a number of research projects related to these areas. He is a professional member of the British Computer Society (BCS).

Gokce B. Laleci has been working as a software engineer for research and industrial projects in eBusiness and eHealth domains since year 2000. She has designed and developed service oriented middleware solutions for tourism domain, peer-to-peer semantic resource discovery mechanisms for eHealth and tourism domain, a semantic middleware for developing multi-agent based systems, clinical decision support systems for remote healthcare monitoring. Furthermore, he has worked on several IST projects, namely IST-2000-26429 HERMES, IST-2000-31050 AgentAcademy, IST-2000-31046 HUMANTEC, IST-1999-20216 LEVER, INCO DC 97 2496 MARIFlow, MEDFORIST, IST-1-002104-STP SATINE, IST-1-002103-STP Artemis, IST-027074-STP SAPHIRE, IST-213031 iSURF and IST-02765-STP RIDE. She got her PhD from METU Computer Engineering Department.

Jens Lemcke is both a Research Associate at SAP Research in Karlsruhe and an external Ph.D. student at the Forschungszentrum Informatik (FZI), where he is supervised by Prof. Rudi Studer. Jens' Ph.D. topic is scalable, ontological EAI and e-business integration. Prior to joining SAP, Jens received his Diploma in Computer Science from the University of Rostock. During his studies at Rostock University, Jens did an internship at the IBM Silicon Valley Lab in California, USA. While at SAP Research, Jens has contributed to the EU-funded research projects: DIP, FUSION, and MOST. Part of his time at SAP was also spent at the SAP Labs in Palo Alto, USA, where he collaborated with the Stanford Logic Group in the POEM project.

Aggelos Liapis is a senior researcher currently working on a Marie Curie supported programme at Vrije Universiteit Brussel, Brussels. He is a computer scientist whose particular specialism is the development of computer supported collaborative environments, semantics, ontologies, and computer graphics. While doing his PhD in Computer Mediated Collaborative Design Environments at The Robert Gordon University, Aberdeen, Scotland he developed a prototype collaborative environment focused to assist professional product designers when distributed during the early stages of the design process.

Cristina Martinez has a background in Science Philosophy (Cum laude), in Communication (Cum Laude and Major) and has an MSc in Telematics (Cum Laude) from the Université Libre de Bruxelles. She started her career with the United Nations working for an IT track and trace development project for Africa, Asia and Latin-America. She joined the Andersen Consulting company in 1998 to work for the eCommerce group of the Technology department as a solutions engineer. She became a member of the staff of the European Commission in 2002 and is currently Administrator for Research in the Enterprise Networking and RFID Unit of the Information Society and Media Directorate-General. In addition to her responsibility for research projects in the ICT area, she devotes part of her time on policy aspects related to the future of Business Collaboration and Interoperability. She is head of the Future Internet Enterprise Systems cluster responsible for giving research directions in the Enterprise Interoperability and Collaboration domain. Cristina Martinez is married and has two children.
Paulo Melo is an Assistant Professor in the Faculty of Economics of the University of Coimbra. He has received a B.Sc. in Computer Science (1990), a M.Sc. in Systems and Automation (1996) and a Ph.D. in Business Management (2006) from the University of Coimbra. He has been working in Research and Development for the last two decades, in management, research and support roles. He has articles published in several international journals and conference proceedings in Operations Research, Group Decision Support and Management.

George Milis is an experienced senior IT Consultant and Analyst and possesses an MSc in Advanced Computing with specialization in Artificial Intelligence from the Department of Computing, Imperial College London, and a Diploma from the Aristotle University of Thessaloniki, Greece, in Electrical and Computing Engineering. George is currently working as a Consultant and Project Manager at European Dynamics SA. He has contributed in many European research projects, as well as, commercial projects addressing real needs of the public sector. He poses great experience in project quality assurance and quality control, preparation of documentation, and design of advance software solutions. George also participates and contributes in many conferences and workshops, presenting and discussing new ideas according to the European research agenda. He is currently dedicated to the advancement of IT solutions in a way to become easily and efficiently adoptable by the foreseen end-users communities.

Mehmet Olduz received his MSc Degree from the Department of Computer Engineering at Middle East Technical University. He is senior software engineer at SRDC Limited where he has worked in various projects at all stages of software development life-cycle. He has extensive experience in Business Process Management Systems, Semantic Web Technologies, Web Services, Ontologies, P2P networks, Agent Technologies, e-Health systems and Trust and Security Services. He is recently working on industrial applications of high-performance computing and networking, and is one of the architects of tourism and eHealth solutions. He has worked on several IST projects, namely IST-1-002104-STP SATINE, IST-1-002103-STP Artemis, IST-027074-STP SAPHIRE, IST-213031 iSURF and IST-02765- STP RIDE.

Claus Pahl is a Senior Lecturer at Dublin City University’s School of Computing, where he is the leader of the Software and Systems Engineering group. Claus has graduated from the Technical University of Braunschweig and has obtained a PhD from the University of Dortmund. He has published more than 170 papers in various journals, books, conference, and workshop proceedings. He is on the editorial board of the four journals and is a regular reviewer for journals and conferences in the area of Web and Software technologies and their applications. He is the principal investigator of several basic and applied research projects in software engineering. Claus’ research interests cover a broad spectrum from service- and component technologies in software engineering to infrastructure and development technologies for Web applications such as e-business and e-learning.

Iraklis Paraskakis is a Senior Research Officer at the South East European Research Centre (SEERC) in Thessaloniki, Greece, Academic Director of the centre’s Doctoral Programme, and coordinator of the Information & Knowledge Management research cluster. He is also Senior Lecturer in the Department of Computer Science at CITY College, Greece, and Associate Lecturer in the Department of Informatics at the Hellenic Open University. He holds a PhD in Information Technology and Education from the Open University (UK), and an MSc in Analysis, Design and Management of Information Systems
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from London School of Economics. His research interests are in the areas of educational informatics, information systems, and knowledge management. He has served as organising chair and program committee member in several international and regional conferences, and as a referee for several journals in the area of educational informatics. He is a member of BCS, IEEE, EARLI, AIED and AACE.

Nikola Radic is a senior Java software developer and analyst at European Dynamics SA, Athens, Greece. His major title is MSc in electronics and telecommunications with the emphasis on design of digital electronic systems. In the last 10 years he was actively working on many IST projects and leading many commercial ones, using the latest cutting-edge technologies. He is always looking for challenges and way to improve his knowledge and experience with the new technologies. His currently one of the leading software engineers at European Dynamics responsible for development and management of several EU enterprise applications.

Pawel Rubach earned an MSc degree in 2003 from the Warsaw School of Economics, where he specialized in Information Systems and Applied Computer Science. Since 2003, he has been employed at the Warsaw School of Economics where he participated in many research projects, the largest of them focusing on Computer-Based Assessment. He gathered also practical experience while working as a systems administrator, application architect, systems analyst, project manager, and IT architect in different environments, ranging from small IT solution providers to large corporations such as the PKO BP S.A. (the largest Polish bank). In the years 2007-2008 as IT Architect at the Polish Telecom, Research & Development Branch (TP R&D), he contributed to two EU-sponsored projects: SUPER (http://www.ip-super.org) and SPICE (http://www.ist-spice.org). He spent the academic year 2008-2009 working on his Ph.D. as a Fulbright Visiting Scholar at Texas Tech University in Lubbock, Texas.

Paulo Rupino da Cunha is an Assistant Professor at the University of Coimbra and the head of its Information Systems Group. He is a Visiting Associate at Brunel University, UK. He holds a Ph.D. and a M.Sc. in Informatics Engineering - Information Systems. His main research interests are Information Systems Design, Quality Management and Information Systems, Business Models and Strategy, and IT governance issues. For two terms he was the Vice-President of Instituto Pedro Nunes, an Innovation and Technology Transfer organization providing specialized consulting, training and business incubation. For a period of three years, he was the elected Coordinator of the Informatics Engineering Chapter for the centre region of Portugal of the Portuguese Engineering Association, and for a two year term he was a member of the Executive Committee of the Department of Informatics Engineering of the University of Coimbra.

Gérald Santucci has been working in the Information Society and Media Directorate-General of the European Commission since February 1986. In March 2007, he was appointed Head of the Unit Networked Enterprise & Radio Frequency Identification (RFID). The adoption by the European Commission, in March 2007, of a Communication on RFID has constituted a first milestone towards the achievement of a European policy framework regarding RFID. Work underway includes the follow-up of a Recommendation on the implementation of privacy and information security principles in RFID-enabled applications (adopted by the EC on 11 May 2009) and a new series of global consultations on the Internet of Things. Over the years, Mr Santucci has gained extensive experience in the activities of the Directorate-General through his involvement in research management, including leading the Unit...
“Applications relating to Administrations” (i.e. eGovernment) 1999-2002, the Unit “Trust and Security” 2003, and “ICT for Enterprise Networking” 2004-2006. Mr Santucci was also the “father” of the AIM exploratory action (Advanced Informatics in Medicine), launched in 1989 under the RACE programme (R&D on Advanced Communications Technologies for Europe).

Christian Stamber is working as a Software Developer for SAP AG, Germany. He holds an engineering degree (Dipl.-Inf., comparable to M.Sc. in Computer Science) from University of Kaiserslautern, Germany. His diploma thesis was aligned to the European research project SUPER (www.ip-super.org) in cooperation with IDS Scheer AG. Christian researched how to use semantic technologies in business process management. The insights gained during accomplishment of the thesis were part of additional scientific publications.

Sebastian Stein is responsible at IDS Scheer, Germany for developing and maintaining the ARIS SOA modelling method. Besides, he is involved in standardisation efforts at OMG and OASIS. He participates in the BPMN standardisation process and he is an author of OMG’s OCEB certification program. Besides those tasks, Sebastian contributes to different public research projects within ARIS Research like the SUPER project. He focuses on integrating business process management (BPM) and service oriented architectures (SOA). He has published several scientific and popular papers. Besides his work assignments, Sebastian is currently finishing his PhD thesis at University of Kiel, Germany. He holds a Master of Science in Software Engineering from Blekinge Institute of Technology, Sweden and a diploma in Business Information Systems from University of Applied Sciences Dresden, Germany.

Tuncay Namli has extensive expertise on context management and IT Security and Privacy in IT systems. He has developed privacy and security applications in eHealth systems. Furthermore, he has worked on several IST projects, namely IST-1-002104-STP SATINE, IST-1-002103-STP Artemis, IST-027074-STPSAPHIRE, IST-02765-STP RIDE, IST-213031 iSURF and IST-027306 ABILITIES. Tuncay is a PhD candidate in METU Computer Engineering Department.

Ingo Zinnikus graduated from Saarland University, Germany in 1998 and is since then working for DFKI. He has been working on the application of multiagent systems for a number of topics such as logistics, recommendation systems and business process execution. Besides numerous publications he has contributed to a number of successful national and European proposals. He served as program committee member for a number of international workshops. Fields of Interest: Multiagent systems, service-oriented architectures and Semantic Web services. Experience with projects: the German government funded project TeleTruck, the EU funded projects SAID (FP5), VITAL (FP6, Technical Coordination), ATHENA (FP 6), and COIN (FP7), as well as domestic industry projects in German.