2009 13th Enterprise Distributed Object Computing Conference Workshops, EDOCW
Proceedings of the IEEE EDOC 2009 Workshops and Short Papers
Edited by Vladimir Tosic

Held at EDOC 2009
(Thirteenth IEEE International EDOC Conference)
Auckland, New Zealand
1 - 4 September 2009

EDOC 2009 Workshops:
- **Dynamic and Declarative Business Processes (DDBP) 2009**
  organized by Dragan Gašević, Georg Grossmann, Sylvain Hallé
- **Middleware for Web Services (MWS) 2009**
  organized by Hye-young Paik, Karl Michael Göschka, Aad Van Moorsel, Raymond Wong, Ian Warren
- **Advances in Quality of Service Management (AQuSerM) 2009**
  organized by Liam O’Brien, Iman Hafiz Poernomo, Guijun Wang
- **Mobile Technology in Enterprise Computing Systems (MTECS) 2009**
  organized by Tiong-Thye Goh, Siddhartha Bose, Wee Keong Ng, Longbing Cao, Vincent C.S. Lee
- **International Workshop on Security and Privacy in Enterprise Computing (InSPEC) 2009**
  organized by Rafael Accorsi, Ernesto Damiani, Frank Innerhofer-Oberperfler, Florian Kerschbaum
- **Service-Oriented Business Networks and Ecosystems (SOBNE) 2009**
  organized by Axel Korthaus, Alistair Barros
- **Service Oriented Enterprise Architecture for Enterprise Engineering (SoEA@EE) 2009**
  organized by Selmin Nurcan, Rainer Schmidt
- **Vocabularies, Ontologies and Rules for the Enterprise (VORTE) 2009**
  organized by Jens Dietrich, Dragan Gašević

EDOC 2009 Short Papers
organized by João Paulo A. Almeida, Gillian Dobbie

EDOC 2009 Conference Sponsors:
Welcome to the Proceedings of the IEEE EDOC 2009 Workshops and Short Papers!

The series of annual EDOC (previously known as Enterprise Distributed Object Computing) conferences organized by the Institute of Electrical and Electronics Engineers (IEEE) is an important international forum for presentation of recent research advancements in development of distributed computing systems used within and between organizations. The list of covered topics is broad and diverse, addressing a range of issues throughout the whole lifecycle of distributed computing systems. For example, it includes topics in model-driven architectures (MDA), service-oriented architectures (SOA), middleware, grid and cloud computing, business process management (BPM), business rules, semantics, integration and interoperability of distributed systems, implementation and deployment of distributed computing systems, enterprise application governance, run-time management and self-management of distributed computing systems, performance issues, security/privacy, and many others. These modern technologies significantly and rapidly improve work productivity in many organizations and enable innovative business models. The annual EDOC conferences gather academic, industrial, and government researchers and developers interested in these technologies. They result in improved understanding of open issues, presentation of approaches towards their solution, examination of relevance of these issues and solutions for practice, and other useful exchanges of knowledge, experiences and ideas.

At EDOC conferences, workshops complement the main scientific program with presentations and discussions of both mature and preliminary project results, ideas, experiences, and knowledge in a way that is more interactive and more focused than paper sessions in the main conference program. To foster this interactivity and focus, workshops spotlight a narrower range of topics (oftentimes, emerging topics and technologies) and have a smaller number of participants compared to the main conference. They facilitate discussions among participants and active engagement of participants, e.g., through discussion sessions that complement sessions with presentations of peer-reviewed workshop papers. Most workshops invite 2 types of peer-reviewed papers: full papers describing relatively mature research results or industrial case studies, and short papers describing work in progress or position statements. The purpose of short papers is to initiate discussion around new ideas or preliminary results. Further, some workshops have keynotes by esteemed international experts and these keynote presentations serve as another impetus into discussions.

EDOC 2009 is the 13th EDOC conference and was held 1-4 September 2009 in Auckland, New Zealand. The EDOC 2009 workshops were held on the first 2 days of the conference, i.e., 1-2 September 2009. All workshops at EDOC 2009 have program committees consisting of international experts from academia, industry, and government. In addition to the workshop program committee members, some workshop papers were reviewed by external expert reviewers. The following 8 workshops were held at EDOC 2009:
- Dynamic and Declarative Business Processes (DDBP) 2009, organized by Dragan Gašević, Georg Grossmann, and Sylvain Hallé;
- Middleware for Web Services (MWS) 2009, organized by Hye-young Paik, Karl Michael Gschka, Aad van Moorsel, Raymond Wong, and Ian Warren;
- Advances in Quality of Service Management (AQoS@M) 2009, organized by Liam O'Brien, Imam Hafiz Poernomo, and Guijun Wang;
- Mobile Technology in Enterprise Computing Systems (MTECS) 2009, organized by Tiong-Thye Goh, Siddhartha Bose, Wee Keong Ng, Longbing Cao, and Vincent C. S. Lee;
- International Workshop on Security and Privacy in Enterprise Computing (InSPEC) 2009, organized by Rafael Accors, Ernesto Damian, Frank Innerhofer-Oberperfuer, and Florian Kerschbaum;
- Service-Oriented Business Networks and Ecosystems (SOBNE) 2009, organized by Axel Kortheus and Alistair Barros;
- Service Oriented Enterprise Architecture for Enterprise Engineering (SoEA@EE) 2009, organized by Selmin Nurcan and Rainer Schmidt;
- Vocabularies, Ontologies and Rules for the Enterprise (VORTE) 2009, organized by Jens Dietrich and Dragan Gašević.

Editorials for each of these workshops provide detailed information about the covered topics, outline the main research challenges in the workshop subject areas, briefly summarize the topics of peer-reviewed papers, keynotes, and discussion
sessions, comment on the main organizational aspects (notably, the anonymous peer-review process), and give other relevant introductory information about the workshops.

In addition to the workshop papers, these Proceedings of IEEE EDOC 2009 Workshops and Short Papers include 5 EDOC 2009 short papers, presented in a plenary session within the main scientific program of EDOC 2009, on 2 September 2009. These short papers (not to be confused with short papers at particular workshops) were peer-reviewed by the program committee of the main EDOC 2009 conference and external reviewers used by the main EDOC 2009 conference (they are listed in the Proceedings of EDOC 2009, also published by the IEEE Computer Society). The EDOC 2009 Short Papers session was organized by the EDOC 2009 Programme Chairs João Paulo A. Almeida and Gillian Dobbie.

All papers (except editorials and keynotes) in these Proceedings of IEEE EDOC 2009 Workshops and Short Papers were anonymously peer-reviewed by several (usually 3) experts, based on the complete paper (not only an extended abstract). The peer review process was competitive and selective — the acceptance/rejection decisions were based on the quality of each individual submission, fit into the workshop themes, and strengths compared to the other submitted papers. The acceptance rate varied between the workshops. These Proceedings of IEEE EDOC 2009 Workshops and Short Papers contain only accepted papers that were actually presented at the EDOC 2009 conference (i.e., some accepted papers that were not presented are not included).

I would like to thank the people from the IEEE Computer Society Conference Publishing Services, the publisher of these Proceedings, for their help and guidance in preparation of the Proceedings. The EDOC 2009 General Chair Gerald Weber (University of Auckland, New Zealand), the EDOC 2009 Local Organisation Chair Ian Warren (Univ. of Auckland, New Zealand), the EDOC 2009 Programme Chairs João Paulo A. Almeida (Federal University of Espirito Santo, Brazil) and Gillian Dobbie (Univ. of Auckland, New Zealand), and the EDOC 2009 Publicity Chairs Remco Dijkman (Eindhoven University of Technology, the Netherlands) and Keith Duddy (Queensland University of Technology and Smart Services CRC, Australia) helped significantly in organizing and publicizing the EDOC 2009 workshops and short papers program. I also acknowledge the EDOC 2009 conference sponsors—the IEEE, the IEEE Computer Society, and the IEEE Communications Society—for supporting the EDOC conference and the co-located workshops.

Last, but not the least, I use this opportunity to invite all readers to submit papers to and/or participate in the future EDOC conferences and workshops organized within the EDOC conferences. In particular, EDOC 2010 will be held in Brazil, while EDOC 2011 will be held in Finland.
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