

EDITORIAL MESSAGE

The 9th Enterprise Engineering Track at ACM SAC 2012

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THE 9TH ENTERPRISE ENGINEERING TRACK

Enterprise Engineering (EE) aims at researching concepts, methods and technology to model, develop and analyze various aspects of an organization. Its primary focus is on understanding the relationships and dependencies between strategy, business processes and the business supporting systems. It encompasses multi-disciplinary topics, including goal and process modeling and enterprise ontology and topics from requirements engineering, computer security, software engineering, management theory, systems theory and socio-technical disciplines.

The relationship between business and information systems and technology as well as business process management are probably amongst the topics that have been receiving most attention from researchers and practitioners in the last few years. Business process management has been widely used for multiple purposes, such as facilitating understanding and communication, analysis and simulation and optimization and re-engineering. The relevance of this area grows with the increasing usage of interoperable and distributed services and an ubiquitous communication infrastructure that enable business processes to be automated and coordinated within and across organizational boundaries. These systems and technologies are making possible to integrate enterprise applications and automate business processes, which should facilitate rapidly deploying and managing a business solution, allowing the organization to adapt to a changing environment and realizing a real return on investment due to reduced integration and development costs. However, for this to be successfully achieved, the alignment between strategy, business, systems, people and technology must be clearly assessed and understood.

Thus, Enterprise Information Systems play a major role in EE as they actively link the business with the systems and technological infrastructure. Therefore, designing, developing and deploying these systems must deal with alignment and with cross-disciplinary enterprise integration issues. EIS embraces a plethora of subjects that range from Enterprise Resources Planning and Customer Relationship Management to Decision Support Systems and Business Intelligence.

The theme of the Enterprise Engineering track is on using engineering methods and techniques to analyze, understand, design and implement the organization by stressing the overall integration of business, systems and technological infrastructure. The EE track provides a place for both theoretical and applied research work to be presented and shared, and opens an opportunity for researchers, academics and practitioners interested in enterprise modeling, methods and tools to present their problems, exchange their ideas and discuss open issues.

The 9th Enterprise Engineering track is part of the 27th ACM Symposium on Applied Computing and will be held in Riva del Garda (Trento), Italy, in March 2012. Ten full papers and four posters were selected for presentation and publication, with an acceptance rate of 24%. Further information on the Enterprise Engineering track can be found at <http://ee.ist.utl.pt/>

Full Papers

- Enabling Personalized Visualization of Large Business Processes through Parameterizable Views.**
Manfred Reichert, Jens Kolb, Ralph Bobrik and Thomas Bauer
- Mapping the Business Model Canvas to ArchiMate.**
Lucas Meertens, Maria-Eugenia Iacob, Henk Jonkers, Lambert J.M. Nieuwenhuis, Dick Quartel and Marten Van Sinderen
- Extending Enterprise Architecture Modeling Languages: Application to Telecommunications Service Creation.**
Vanea Chiprianov, Yvon Kermarrec and Siegfried Rouvrais
- Keeping Decisions and Rationale Explicit in Business Process Analysis.**
Manoel S. da Silva Neto and Renata M. de Araujo
- The Role of Editor in Collaborative Modeling.**
Peter Rittgen
- On the Exploitation of Process Mining for Security Audits: The Conformance Checking Case.**
Rafael Accorsi and Thomas Stocker
- Security and Safety of Assets in Business Processes.**
Ganna Monakova, Achim D. Brucker and Andreas Schaad

8. **On the Support for the Assignment of Active Structure and Behavior in Enterprise Modeling Approaches.**
Rômulo Arpini and João Paulo Almeida
9. **A Software Development Kit to Implement Integration Solutions.**
Rafael Z. Frantz and Rafael Corchuelo
10. **Knowledge compilation for Automated Team Composition exploiting standard SQL.**
Eufemia Tinelli, Simona Colucci, Eugenio Di Sciascio and Francesco M. Donini

Short Papers

1. **Model transformations for Business-IT alignment: from collaborative business process to SoaML service model.**
Andrea Delgado, Francisco Ruiz, Ignacio García-Rodríguez de Guzmán and Mario Piattini
2. **Dynamic Guidance Enhancement in Workflow Management Systems.**
Christoph Günther, Stefan Schönig and Stefan Jablonski
3. **Can Business Process Modeling Bridge The Gap Between Business and Information Systems?**
Liping Zhao, Keletso Letsholo, Erol-Valeriu Chioasca, Pedro Sampaio and Sandra Sampaio
4. **Analysis of Heuristics to Identify Crosscutting Concerns in Business Process Models.**
Fabiana J. N. Santos, Claudia Cappelli, Flavia M. Santoro, Julio C. Sampaio do Prado Leite and Thais V. Batista

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