

Call for Papers TEAR 2011

The 6th Trends in Enterprise Architecture Research Workshop

Motivation

The [international TEAR workshop series](#) brings together EA researchers from different research communities and provides a forum to present EA research results and to discuss future EA research directions.

The field of *Enterprise Architecture* (EA) has gained considerable attention over the last of years. The understanding of the term Enterprise Architecture is diverse in both practitioner and scientific communities. Regarding the term architecture most agree on the ANSI/IEEE Standard 1471-2000, where architecture is defined as the “fundamental organization of a system, embodied in its components, their relationships to each other and the environment, and the principles governing its design and evolution”. For Enterprise Architecture the focus is on the overall enterprise. In contrast to traditional architecture management approaches such as IT architecture, software architecture or IS architecture, EA explicitly incorporates “pure” business-related artifacts in addition to traditional IS/IT artifacts.

Location	Helsinki, Finland
Associated Event	EDOC 2011 August 29th 2011 - September 2nd 2011
Paper Submission	March 15th 2011
Notification of Acceptance	May 7th 2011
Camera Ready Copy	June 1st 2011
Workshop	August 29th 2011
URL	www.ea-network.org/tear2011

EA is important because organizations need to adapt increasingly fast to changing customer requirements and business goals. This need influences the entire chain of activities of an enterprise, from business processes to IT support. Moreover, a change in a particular architecture may influence other architectures. For example, when a new product is introduced, business processes for production, sales and after-sales need to be adapted. It might be necessary to change applications, or even adapt the IT infrastructure. Each of these fields will have its own architectures. To keep the enterprise architecture coherent and aligned with the business goals, the relations between these different architectures must be explicit, and a change should be carried through methodically in all architectures.

In previous years the emergence of service oriented design paradigms (e.g. Service-oriented Architecture, SOA) contributed to the relevance of EA. The need to design business services and IT services and align them forced companies to pay more attention to business architectures. The growing complexity of existing application landscapes lead to increased attention to application architectures at the same time. To better align business and IS architectures a number of major companies started to establish EA efforts after introducing the service-oriented architecture style.

Until recently, practitioners, consulting firms and tool vendors have been leading in the development of the EA discipline. Research on EA has been taking place in relatively isolated communities. The main objective of this workshop series is to bring these different communities of EA researchers together and to identify future directions for EA research with special focus on service oriented paradigms. An important question in that respect is what EA researchers should do, as opposed to EA practitioners.

Location

The TEAR 2011 workshop will be held on the 29th of August, as part of the 15th IEEE International [EDOC 2011 Conference](#) in Helsinki, Finland from the 29th of August until the 2nd of September 2011.

Publication

The proceedings will be published as an IEEE proceedings in line the tradition of the [EDOC](#) conferences.

Organizers

Workshop co-chairs

Joao Paulo Almeida, Federal University of Espírito Santo, Brazil

Chair: Florian Matthes, Technische Universität München, Germany

Erik Proper, Public Research Centre - Henri Tudor, Luxembourg

Steering committee

Stephan Aier / Robert Winter, University of St. Gallen, St. Gallen, Switzerland

Mathias Ekstedt, Royal Institute of Technology Stockholm, Sweden

Marc M. Lankhorst, Novay Enschede, The Netherlands

Marten Schönherr, Deutsche Telekom Laboratories, Berlin, Germany

Raymond Slot, Utrecht University of Applied Sciences

Collaboration with the SoEA4EE workshop

The 2011 TEAR workshop will be organized in collaboration with the [SoEA4EE](#) workshop. The TEAR 2011 workshop will be held on the 29th of August, while the [SoEA4EE](#) workshop will be held on the 30th of August. The organisers of both workshops explicitly invite visitors to visit both workshops, in order to further the integration between the two communities.

Where the TEAR workshop focuses on EA in general, the [SoEA4EE](#) workshop focuses on the role of the service oriented paradigm in the context of EA. Authors of papers on topics (that were included in past TEAR call-for-papers) such as:

- Integrating service oriented and legacy architectures
- Service design on application and business levels
- Service orientation as EA design paradigm
- Service oriented architecture (SOA) and EA

are invited to submit these papers to the [SoEA4EE](#) workshop instead of TEAR.

Topics

- Case studies
- Combining BPM and EA
- Drivers and obstacles of EA dissemination (e.g. agility, flexibility, strategic planning, usage resistance)
- EA and e-government
- EA and organizational theory
- EA and system development
- EA business cases
- EA communication and marketing
- EA for small and medium-sized companies
- EA governance and integration into corporate/IT governance
- EA in university and executive education
- EA reference models, meta models and frameworks
- EA usage in corporate strategic planning
- EA usage potentials for the networked enterprise
- Enterprise modeling, EA and MDA
- Modeling of EA dynamics
- Event-driven architecture
- Evolution of an EA
- Incorporation of knowledge management and software engineering in EA
- Managing complexity in EA

- Maturity models for EA artifacts and processes
- Measurement, metrics, analysis, and evaluation of EA artifacts and processes
- Methodologies for EA research
- Processes and patterns for EA development, mastering, communication and enforcement
- Research theory and practices in EA context
- The relation between natural and EA modeling languages (understandability of EA models)
- Tool support for EA
- Viewpoints in EA

Program Committee

To be confirmed

Antonia Albani, Delft University of Technology, The Netherlands

Colette Rolland, University Paris 1 Pantheon Sorbonne, France

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Pontus Johnson, Royal Institute of Technology, Sweden

Rainer Schmidt, University Aalen, Germany

Selmin Nurcan - University Paris Panthéon Sorbonne, France

Scott Bernard, Carnegie Mellon University, United States of America

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Xavier Franch, Universitat Politecnica de Catalunya, Spain