Call for Papers: Workshop – 2nd International Workshop on Advanced Enterprise Architecture and Repositories (AER 2010)

The 2nd International Workshop on Advanced Enterprise Architecture and Repositories (AER 2010) is planned to take place in conjunction with the 12th International Conference on Enterprise Information Systems (ICEIS 2010). The ICEIS series of conferences bring together researchers, engineers and practitioners interested in the advances and business applications of enterprise information systems. The conference is scheduled to take place from 8 – 12 June 2010, in Funchal, Madeira – Portugal.

The AER 2010 Workshop will be co-sponsored by INSTICC and the Enterprise Architecture Research Forum.

Background and Goals of the AER 2010 Workshop

Enterprise Architecture (EA) remains high on the agenda of both business and government. The advancement of EA has been rapid, despite being highly complex and multidimensional. Although there are many reports on success, there is still much confusion within both the practitioner and scientific communities with regards to issues such as adoption, integration, governance and alignment. The academic and research communities therefore need to actively participate in the establishment of foundations for EA, to enable this dynamic field will to fulfil its promises.

The goal of this workshop is to establish a basis for presenting fundamental and applied research on EA, and also to provide researchers, academics and practitioners with a platform for discussions and publishing in this field.

We invite participants to contribute to establishing a research foundation for EA in general, and also enterprise repositories, in particular. The latter is important because storing and maintaining the huge volume of architectural output in is major challenge for EA.

Topics of Interest

We are inviting papers that fall within the scope of the workshop as described above. We are especially interested in papers addressing one or more of the following topics:

General topics:

- EA and enterprise engineering
- EA repositories
- EA frameworks
- Theory and practice in EA
- EA methodologies and tools

Other topics may include, but are not limited to:

- Evolution of EA
- Architectures and design principles for repositories
- Modelling including strategy modelling, business modelling, application modelling, data modelling, technological infra-structure modelling
- Model analysis, verification and validation
- Specification of views, viewpoints and layers
- Notations, languages and standards for organizational engineering
- Ontologies in enterprise engineering
- EA reference models, meta-models and frameworks

- Business process management, including business process mining and clustering, business process patterns, process orchestration and coordination
- Vertical alignment between strategy, business, support systems and technology
- Integration: enterprise, business and enterprise application integration
- EA and e-government, organizational theory, system development
- Maturity models for EA artefacts and processes
- Measurements, metrics, analysis, and evaluation of EA artefacts and processes
- EA and service oriented architecture (SOA)
- Integration of service-oriented and legacy architectures
- Case studies for EA including adoption, governance, alignment and integration, managing complexity.

Important Dates

Regular Paper Submission Deadline: 8 March 2010
Authors Notification: 6 April 2010
Final Paper Submission and Registration: 21 April 2010

Workshop Program Committee

Jason Cohen, University of Witwatersrand, South Africa
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Mathias Weske, University of Potsdam, Germany
Takahira Yamaguchi, Keio University, Japan
Hanlie Smuts, University of South Africa, South Africa
Robert Woitsch, BOC Asset Management, Austria

Paper Submission

Prospective authors are invited to submit papers for oral presentation in any of the topics listed above.

The workshop welcomes two types of submissions:

1. Full papers describing fundamental and applied research related to EA or EA repositories. The maximum length of a full paper is 10 pages.

2. Short papers describing fundamental and applied work in progress research related to EA or EA repositories. The maximum length of a short paper is 4 pages.

All papers will undergo a double-blind peer-review process and will be selected on the basis of relevance, clarity and technical quality. At least one author should attend the workshop to present the paper.

Instructions for submissions are available at the conference submissions web page (http://www.iceis.org/Submission_Guidelines.htm). Please make sure to use the workshops templates, in MS Word or Latex formats, (http://www.iceis.org/Paper_Templates.htm), which are different from those of the main conference. Papers should be submitted electronically via the web-based submission system at: http://www.insticc.org/Primoris

Publications

All accepted papers will be published in the workshop proceedings, under an ISBN reference, on paper and on CD-ROM support.

Registration Information

At least one author of an accepted paper must register for the workshop. If the registration fees are not received by 21 April, 2010 the paper will not be published in the workshop proceedings book.

Secretariat Contacts

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