

IEEE eChallenges Conference

eChallenges e-2015 Conference

25 - 27 November 2015, Vilnius, Lithuania

Call for Workshop Papers Deadline - 30 June

Call for Paper for eChallenges Workshop:

“Conceptual Modelling and Semantics for Value-based Knowledge Transfer”

Abstract:

Conceptual Modelling is commonly used in e-sciences, domain applications and ICT and thus a cross-domain aspect. Domain specific modelling is an emerging topic in ICT and can be observed by a growing number of groups emphasizing the development of individual languages, methods and approaches for the specific benefit of a particular domain. Domain orientation allows implementing special model-driven solutions for domain experts, without the need to make compromises in the concepts, the method or the tools in use. This leads to a plethora of different concepts, approaches, platforms and modelling interests.

The challenge is to use modelling tools not only to deal with different purposes in complex and heterogeneous application environments but also to represent models in such a way that users benefit from the so-called “model value” and hence can use such models for knowledge externalisation and knowledge transformation.

The workshop targets very openly all modelling approaches creating reference models in knowledge intensive application domains– to provide some samples - but not limited to: (a) semantics, knowledge models and technologies for intelligent content; (b) business processes, governmental and policy modelling in eGovernment, eParticipation and eDemocracy; (c) learner models, training course design and course evaluation for technology enhanced learning; (d) model driven architecture, workflow orchestration as well as service discovery and deployment for cloud computing; (e) domain-specific models, semantic and knowledge platforms for eLearning, digital libraries and cultural heritage, Future Internet or any applicable domain.

Reference content, best practice models, novel application of concept or semantic models for the benefit of knowledge externalisation, knowledge transfers or knowledge assessment and improvement may demonstrate the added value of models.

This workshop aims to discuss a wide variety of modelling approaches using models to express information value and hence invites research projects, research initiatives and researchers to present their ideas, prototypes, tools and platforms and present the challenges and requirements for the development, configuration and deployment of modelling tools into concrete application scenarios.

The aim is to strengthen the European community of research dealing with modelling to enable collaboration across projects and ensure sustainability of research results.

Objectives:

This is the third edition in a series of eChallenges workshops, which supports the communities’ active at the Open Models Laboratory (www.omilab.org) and on ADOxx.org (www.adoxx.org). Several EU-funded Projects have used these initiatives as collaboration space and extended exploitation platforms. Their experience reports on activities in the two open communities can be beneficial to a wide range of European researchers as they show how to achieve sustainability and exploitation, as well as how to attain project goals more efficiently.

The objective is to demonstrate the variety of modelling tools and applications, possible collaboration platforms and technical solutions based on EU-funded Project results.

Target Audience:

The workshop targets practitioners and researchers equally. It addresses those who use modelling tools with a background of computer science, business informatics or in e-science and application domains. Modelling tools are therefore explicitly not limited to software designers or code generators, but also tackle the huge space of management tools for human and computational interpretation. As such the workshop targets all domains that aim for a benefit in using models as a knowledge platform.

Workshop Organizers:

The workshop will be organised by the Learn PAd project (www.learnpad.eu) from:
Dr. Robert Woitsch, BOC (AT) and Ass. Prof. Dr. Andrea Polini, University of Camerino (IT).

How to submit a paper

Please get in contact with: Robert.woitsch@boc-eu.com

Workshop papers must be submitted by directly uploading the full paper by **30.06.2015** to the conference page www.eChallenges.org.

eChallenges Paper Abstract / Paper

For this workshop, authors can choose to both submit an extended abstract using the online form by 30.04.2015 and receive feedback from the IPC, or directly submit a full paper by 31.05.2015.

In case of abstract submission:

To submit your extended abstract please follow the following steps:

1. If you have previously registered on the eChallenges portal, click "LOG IN" and enter your existing username and password.
2. If you have not previously registered on the eChallenges portal, please click "NEW USER" and complete your contact details. The server will issue you with a username and password by e-mail to allow you to access your personal page. Upon completion of your details, you will automatically be redirected to the abstract submission form.
3. All extended abstracts are double blind reviewed. Please ensure that there are no author details within the text of your abstract prior to uploading it onto the server.
4. If your extended abstract is associated with a workshop proposal, please insert the following details as the first line of your abstract body text: **ABSTRACT FOR WORKSHOP SESSION " Conceptual Modelling and Semantics for Value-based Knowledge Transfer "**.
5. Upon submission of your abstract, the server will issue an automated acknowledgement of receipt by e-mail.
6. You can review the abstract submitted via your personal page and update and resubmit it up to the deadline of 30 April. However, once it has been allocated to the IPC, it is no longer possible to resubmit it.

eChallenges Abstract / Paper

Abstract:

Please input your abstract (1,200 - 1,500 words) remembering to insert line breaks and section headings. Please ensure that authors are not identified in your abstract text.

ABSTRACT / PAPER FOR WORKSHOP SESSION

"Conceptual Modelling and Semantics for Value-based Knowledge Transfer"

- 1) Introduction - Issues to be addressed,
- 2) Objectives of your paper,
- 3) Methodology used,
- 4) Technology or Business Case description,
- 5) Conclusions and summary recommendations.