

# Fourth International Workshop on Enterprise Systems and Technology (I-WEST 2010)

July 24-25, 2010 – Athens, Greece

Organized by IICREST; Co-organized by CTIT and INSTICC

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## Background and Goals

I-WEST is an initiative of IICREST, the Interdisciplinary Institute for Collaboration and Research on Enterprise Systems and Technology. I-WEST aims at providing a platform to researchers from academia and industry for discussing challenges, solutions, ideas and experiences related to the broad field of enterprise systems and technology.

Each year, a special theme is chosen within this broad field, in order to make presentations and discussions more focused. The theme of I-WEST 2010 is:

### ***Collaborative Environments: Support for Complex Distributed Activities.***

Collaborative environments, representing heavily distributed service-oriented and context-aware ICT facilities, have been proving useful applicability concerning: (i) learning and training virtual communities; (ii) governmental agencies cooperation for environment protection and road traffic safety; (iii) social networking. This requires sometimes “externalized” IT systems and services as a potential cost-savings advantage by moving internally hosted IT services to external providers. We need to take a closer look into the main technical foundations and related challenges concerning collaborative environments, taking into consideration also the applicability in domains of high societal relevance. The two-day I-WEST event is to bring together researchers, academics and innovators to discuss the latest collaborative IT innovations intended to improve quality of life, create business opportunities, and stimulate economic growth.

Hence, the goal of I-WEST 2010 is to look at issues related to advancing collaborative enterprise technologies and applying them in new ways, to create solutions for the dynamic and networked enterprises of the future. Spontaneous collaboration, context awareness, economic sustainability, and adaptive behavior are just some desirable properties of future enterprise systems, which have to be realized in distributed, heterogeneous and dynamic environments, and for which creative solutions grounded in enterprise technologies have to be developed. I-WEST 2010 also has the intention to unite researchers from various communities, including researchers working on enterprise computing, enterprise interoperability, context-aware systems, IT infrastructures, model-driven development and service-oriented architectures.

## Chairs

J. Cordeiro  
(Portugal)  
D. Mitrakos  
(Greece)  
B. Shishkov  
(The Netherlands)

## Program Committee

D. Dan Burdescu (RO)  
J. Filipe (PT)  
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B. Nieuwenhuis (NL)  
M. Van Sinderen (NL)  
A. Verbraeck (NL)

(list not yet complete)

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## Topics

I-WEST 2010 includes but is not limited to the following topics:

- **enterprise engineering**
  - context-aware enterprises
  - process-aware enterprises
  - enterprise interoperability
  - economic value modeling
  - business goal modeling
  - requirements elicitation
  - enterprise architectures
  - business-IT alignment and traceability
  - maturity models
  - consistency validation and enforcement
- **model-driven service-oriented design**
  - model-driven architecture
  - computation-independent, platform-independent and platform-specific models
  - meta-models and transformations
  - service-oriented computing
  - service publication, discovery, and composition
- **externalization of enterprise IT systems and services**
  - "external" IT: cloud/grid/utility computing, SaaS, hosting and outsourcing
  - business drivers and models for "externalized" IT
  - interoperability, mobility and security issues

## Paper Submission

I-WEST 2010 invites papers describing original contributions related to this year's workshop theme, especially to the topics listed above. Submitted papers should be in English, in LNCS format – to be sent to [secretariat@iicrest.eu](mailto:secretariat@iicrest.eu). LNCS style files are available at the Springer LNCS website (<http://www.springer.com/east/home/computer/lncs>) via the link Information for LNCS Authors and Volume Editors.

## Publication

The I-WEST'10 papers will be published by INSTICC as a printed proceedings with ISBN and online on the INSTICC website (<http://www.insticc.net>).



## Important Dates

7-May-10: Submission  
1-Jun-10: Notification  
18-Jun-10: Camera-ready paper and Registration

## Workshop Web

[www.iicrest.eu/i-west.htm](http://www.iicrest.eu/i-west.htm)

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Inquiries on the workshop program should be sent to:  
[secretariat@iicrest.eu](mailto:secretariat@iicrest.eu)