

# 1<sup>st</sup> International Workshop on “Organizational Modeling & Simulation Using Petri Nets”

[http://www.iceis.org/iceis2005/workshops\\_list.htm](http://www.iceis.org/iceis2005/workshops_list.htm)

This workshop will be held in conjunction with  
“The 7th International Conference on Enterprise Information Systems”  
May 24-28, 2005, Miami, FL  
<http://www.iceis.org>

## BACKGROUND

Since its introduction in 1962 by Carl Adam Petri as a PhD dissertation, Petri nets have been applied to different domains such as communication networks, transportation systems, manufacturing systems, defense systems, biological systems, communication networks, just to name a few.

Business processes modeling, organizational behavior modeling, information systems modeling, workflow management are other emerging domains, where Petri nets have proven their applicability, usability and suitability in recent years.

The successful factor of Petri net’s widespread use in the commercial software development, analytical and simulation tools, is explained by its comprehensive concept and technique supporting analysis, design, and code generation. Extensive use of Petri nets made a wide range of products, commercial or free, available for supporting implementation of Petri nets.

This workshop addresses “Organizational Modeling & Simulation”, where contribution of Petri nets hardly can be over studied or overestimated. Organizational modeling can be branched into three interrelated topics: business process modeling, workflow management, information system modeling.

## FORMAT OF THE WORKSHOP

The workshop will include a keynote presentation, presentations of accepted papers and, possibly, demonstration of simulation tools including case studies. The proceedings of the workshop will be published in the form of a book by the ICEIS press.

## MAIN TOPICS

Although, all papers that address a topic fitting into the mainstream **Organizational Modeling & Simulation Using Petri Nets** are welcomed, researchers and authors interested in the following topics are especially encouraged and invited to submit their previously unpublished papers:

- Process modeling
- Business process modeling
- Information systems modeling
- Organizational modeling
- Business process simulation
- Organizational simulation
- Workflow management
- Integration of Petri net with different modeling and specification techniques
- Case studies
- Techniques, methods and methodologies
- Petri net tools used in process modeling
- Demonstration of tools
- Modeling guidelines helping practitioners

## IMPORTANT DATES

Full paper submission:	<b>December 29, 2004</b>
Author notification:	February 15, 2005
Camera-ready submission:	March 4, 2005
Workshop:	May 23 - 24, 2005