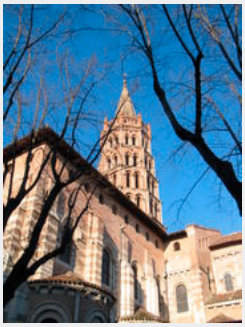

IMPORTANT DATES

Paper Submission Deadline:
July, 18th

Author Notification of Decision:
September, 1st

Final Submission of Papers:
September, 19th

ORGANIZERS

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2nd International Workshop on Model-Based Design of Trustworthy Health Information Systems (MOTHIS 2008)

in conjunction with the 11th ACM/IEEE International Conference on Model Driven Engineering Languages and Systems
MoDELS 2008

Toulouse, France
September 28 - October 3, 2008

OVERVIEW

The objective of the workshop is to discuss model-based methods for the design of Health Information Systems (HIS) offering a revolutionary new way for the interac-tion between medical patients and Health Care Providers. Healthcare is in wide parts still dependent upon paper records and fragmented, error-prone approaches to service delivery and, therefore, has been characterized as a "trillion dollar cottage industry". Among the primary concerns of health information systems are security and privacy that need to be organically integrated into HIS architectures, and the systematic implementation of complex distributed and semi-structured business processes and workflows.

The workshop intends to bring computer scientists and medical experts together to discuss research results in the development and application of model-based methods for representing, analyzing and integrating, architectures, privacy and security policies, business processes and workflows, and human factors engineering. This workshop will help the various communities understand the unique challenges in this field and will offer HIS developers' insight into the state of the art in model-based design technologies.

INTENDED AUDIENCE

The workshop is designed for:

- Researchers in model-based design interested in applying model-based methods for health information systems.
- Researchers and practitioners working in health information systems.
- Researchers and systems developers interested in the model-based design of enterprise information systems based on Service-Oriented Architectures

TOPICS OF INTEREST INCLUDE (but are not limited to)

- Electronic medical record (EMR) systems
- Health information integration models
- HIS Model-based platform design
- HIS Model-based generators
- HIS Modeling languages
- HIS Modeling tools and toolkits
- HIS Model verification tools
- Complex healthcare organization modeling
- Privacy modeling and integration in biomedical systems
- Service oriented architectures for HIS
- Security architectures and formal models for HIS
- Systems that integrate HIS with EMRs and business processes

SUBMISSION and PUBLICATION INFORMATION

All submissions should be formatted in Springer Lecture Notes in Computer Science (LNCS) style and no more than 15 pages in length. Position papers of 4 pages length are encouraged as well.

Please submit your contribution in pdf-format here.

Accepted papers will be available at the conference website and the two best contributions of the workshop will be published in a "Workshop and Symposia" proceedings by Springer in the LNCS series. A high level Journal publication for extended versions of the best papers will be a subsequent activity.

PROGRAM COMMITTEE

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