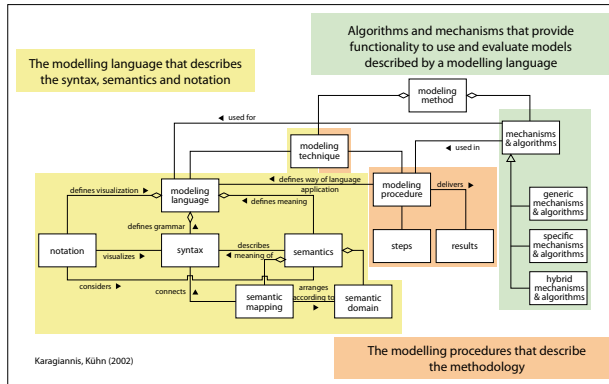# Topics

In today's enterprises, modelling methods are widely used on every level and they are mostly supported by modelling tools. These tools ease the design of machine-processable models and provide facility services, e.g. for accessing, exchanging and persistently storing meta-models and models, for applying algorithms and querying model contents. Additionally they enhance the value of models as an organisational knowledge platform.

Modelling tools and platforms which support domain specific methods are required to provide functionalities for user interaction and enable management capabilities for the execution environment in addition to the modelling method design and implementation.

The following generic modelling method framework comprises all the necessary ingredients for the conceptualization, i.e. early development and prototyping phases of modelling tools for domain specific modelling methods. The framework addresses (a) modelling languages – syntax, semantic and notation, (b) modelling procedures and (c) processing based on their mechanisms and algorithms.



Karagiannis, Kühn (2002)

The "Next Generation Enterprise Modelling" summer school provides a highly-interactive experimental environment where students and teachers focus on the domain "modelling" addressing especially:

- Foundations of Conceptual Modelling, i.e. formal methods and tools for modelling method creation, transformation and application.

# Topics

- Technologies for Conceptual Modelling, i.e. model execution technologies, meta-modelling platforms, modelling compilers, adaption to diverse devices and multi-client applications.
- Application Domains, i.e. Enterprise Information Systems, e-Government, Health Care and Ambient Assisted Living.
- Cross-cutting issues, i.e. information security, privacy, risk management and governance, and quality assurance of models and methods.

A detailed topic description is available at www.omilab.org/camp2014.

# Key Infos

## Whom does the summer school address?

### This summer school is for you:

- If you are a computer science, business informatics, information systems engineering or business administration student, who is interested in enterprise information systems.

- If you are interested in how conceptual modelling theories, technologies and their applications will look in the digital society.

- If you are interested in how models and modelling methods can be used to express knowledge both for humans and computers.

- If you are interested to work in international teams and to implement small prototypes applying theoretical concepts to create practical solutions.

## What is expected from participants?

- To be proficient in English
- To have basic programming skills
- To be interested in Enterprise Information Systems
- To be keen to meet peers from across Europe
- To be interested in working with novel technologies and concepts

# Key Infos

## When and where to register?

| | |
|---|---|
| Registration start: | October 1$^{st}$, 2013 |
| Registration end: | April 4$^{th}$, 2014 |
| Information about selection: | April 11$^{th}$, 2014 |
| | |
| Online registration at: | www.omilab.org/camp2014 |
| Necessary documents: | - Registration form |
| | - CV (Europass format, in English) |
| | - Motivation letter |
| | - Recommendation letter |

## When and where does it take place?

The event will be held in Klagenfurt, Austria and is hosted by the Alpen-Adria-Universität Klagenfurt.

| | |
|---|---|
| Arrival: | July 6$^{th}$, 2014, whole day |
| Start summer school: | July 7$^{th}$, 2014 at 9 a.m. |
| End summer school: | July 18$^{th}$, 2014 at 6 p.m. |
| Departure: | July 19$^{th}$, 2014, whole day |

Students are expected to participate for the whole duration.

## What does it cost?

If you are a student at one of the partner universities presented on the back of this flyer, you are eligible for an EU grant.

If you are from any other university you are required to pay a participation fee covering accommodation (incl. breakfast), lunches and one outdoor event.

A limited number of rooms has been organized by the hosts in the student housing facilities of the Alpen-Adria-Universität Klagenfurt. Selected students can opt for such an accomodation on a first-come-first-serve basis.

Detailed information is available at www.omilab.org/camp2014.

## Project Partners

**Aalto University**
Prof. Matti Rossi, Finland

**Alpen-Adria-Universität Klagenfurt**
Prof. Heinrich C. Mayr, Austria

**FernUniversität in Hagen**
Prof. Stefan Strecker, Germany

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Prof. Nineta Polemi, Greece

**University of St.Gallen**
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**University of Trento**
Prof. John Mylopoulos, Italy

**University of Vienna**
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**July 6th to 19th, 2014**
**Alpen-Adria-Universität Klagenfurt**

# SUMMER SCHOOL

**www.omilab.org/camp2014**