

# NEXT GENERATION ENTERPRISE MODELLING

July 20<sup>th</sup> - July 31<sup>st</sup>, 2015  
University of Vienna, Austria

[www.omilab.org/camp2015](http://www.omilab.org/camp2015)



## NEMO Summer School Series

The NEMO summer schools focus on the conceptualization, design, and implementation of Next Generation Enterprise Modelling Methods.

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 platforms.

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

## Framework and Topics

The generic modelling method framework proposed by Karagiannis and Kühn (2001) comprises all the necessary ingredients for the conceptualization, i.e. early development and prototyping phases of modelling tools for domain specific modelling methods.

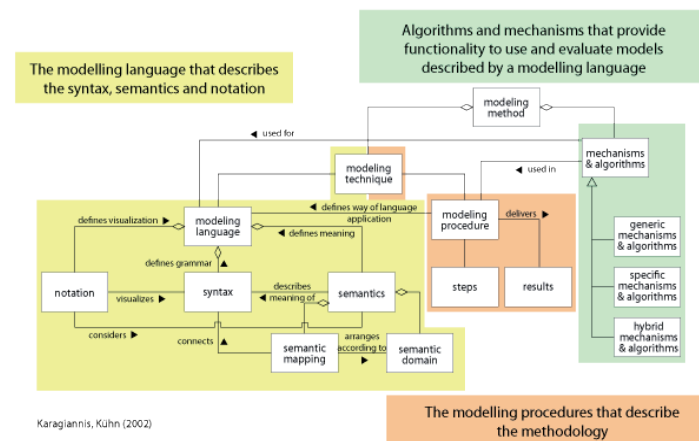
The framework addresses (a) modelling languages - syntax, semantic and notation, (b) modelling procedures and (c) processing based on their mechanisms and algorithms.

The summer school provides a highly-interactive experimental environment, where students and teachers focus on modelling addressing especially

- Foundations of Conceptual Modelling
- Technologies for Conceptual Modelling
- Applications Domains
- Cross-cutting issues.



NEMO 2014 Summer School



Karagiannis, Kühn (2002)

## OMILAB Modelling Method Engineering Framework

## Contributing Lecturers and Institutions

Prof. Dr. Xavier Boucher

Dr. Robert Buchmann

Prof. Dr. Luis Camarinha-Matos

Prof. Dr. Elisabetta di Nitto

PD Dr. Hans-Georg Fill

Prof. Dr. Ulrich Frank

Prof. Dr. Yoshinori Hara

Prof. Dr. Knut Hinkelmann

Dr. Manfred Jeusfeld

Prof. Dr. Dimitris Karagiannis

Prof. Dr. Marite Kirikova

Prof. Dr. John Krogstie

Prof. Dr. Moon Kun Lee

Prof. Dr. Pericles Loucopoulos

Prof. Dr. Leszek Maciaszek

Dr. Hisashi Masuda

Prof. Dr. Heinrich C. Mayr

Prof. Dr. John Mylopoulos

Prof. Dr. Andreas Oberweis

Prof. Dr. Oscar Pastor

Prof. Dr. Dimitris Plexousakis

Prof. Dr. Jose Palazzo Moreira de Oliveira

Prof. Dr. Nineta Polemi

Prof. Dr. Claudia Pons

Prof. Dr. Peter Reimann

Prof. Dr. Ulrich Reimer

Prof. Dr. Wolfgang Reisig

Prof. Dr. Matti Rossi

Prof. Dr. Bran Selic

Prof. Dr. Jan Vanthienen

Prof. Dr. Jelena Zdravkovic

Prof. Dr. Heinz Züllighoven



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## Who is the target group?

Master and PhD-students enrolled in programs of

- Computer Science
- Business Informatics
- Information Systems Engineering
- Business Administration.

## What is offered?

Two weeks where you can:

- Participate in lectures provided by international experts in the field
- Work in small teams to create practical solutions to real-world problems
- Make your first steps in modelling method coding
- 4 ECTS
- Network in an international environment both with peers and professors
- Network with industry partners and sponsors
- Enjoy cultural events and the beautiful surroundings of Vienna, Austria

## What is expected of you?

- 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

## Where does it take place?

University of Vienna, Faculty of Computer Science  
Währinger Straße 29, 1090 Vienna, Austria

## When does it take place?

- Arrival: July 19<sup>th</sup>, whole day
- Start: July 20<sup>th</sup>, at 9 a.m.
- End: July 31<sup>st</sup>, at 5 p.m.
- Departure: August 1<sup>st</sup>, whole day

## How to register?

Online Registration: [www.omilab.org/camp2015](http://www.omilab.org/camp2015)  
Necessary documents:  
Registration form  
CV (Europass format, in English)  
Motivation letter  
Recommendation letter  
Registration end: April 20<sup>th</sup>, 2015

## What does it cost?

Students are required to pay a **participation fee of EUR 600,-** covering the summer school, accommodation (incl. breakfast), lunches and one outdoor event.

## Contact:

Ms. Elena-Teodora Miron  
Ms. Verena Kleinschmid  
University of Vienna

Open Models Laboratory  
Währinger Str. 29  
1090 Vienna, Austria

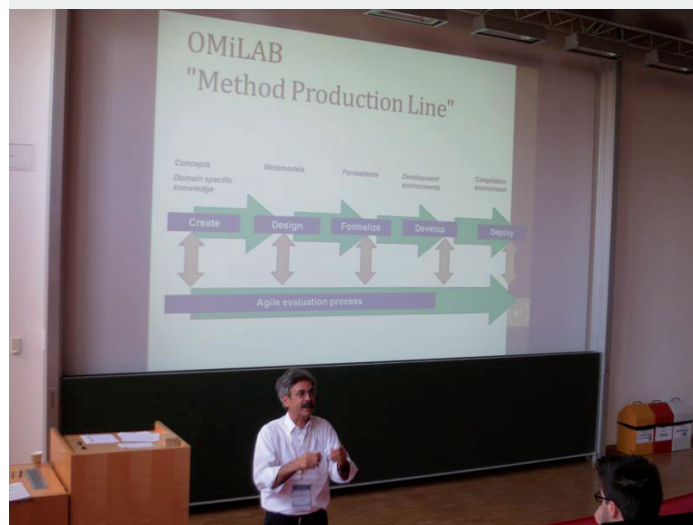
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Tel.: +43-1-4277-78940  
Web: [www.omilab.org/camp2015](http://www.omilab.org/camp2015)



## NEMO 2014 Summer School Impressions



NEMO 2014 Cohort and teachers



NEMO 2014 Lectures



NEMO 2014 Sightseeing