

2nd Edition in the NEMO Summer School Series

NEXT GENERATION ENTERPRISE MODELLING

July 20th - July 31st, 2015
 University of Vienna, Austria
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.



NEMO 2014 Summer School

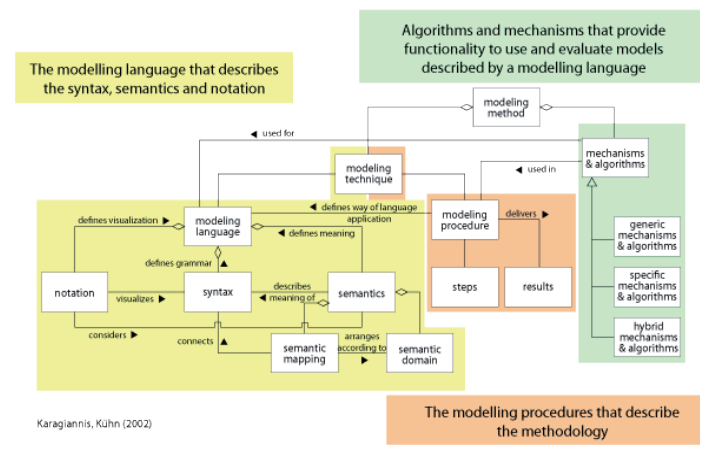
Framework and Topics

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.



Omilab Modelling Method Engineering Framework

Contributing Lecturers and Institutions

- | | | | |
|--------------------------------|--------------------------------|--|-----------------------------|
| Prof. Dr. Xavier Boucher | Dr. Manfred Jeusfeld | Prof. Dr. Heinrich C. Mayr | Prof. Dr. Peter Reimann |
| Dr. Robert Buchmann | Prof. Dr. Dimitris Karagiannis | Prof. Dr. John Mylopoulos | Prof. Dr. Ulrich Reimer |
| Prof. Dr. Luis Camarinha-Matos | Prof. Dr. Marite Kirikova | Prof. Dr. Andreas Oberweis | Prof. Dr. Wolfgang Reisig |
| Prof. Dr. Elisabetta di Nitto | Prof. Dr. John Krogstie | Prof. Dr. Oscar Pastor | Prof. Dr. Matti Rossi |
| PD Dr. Hans-Georg Fill | Prof. Dr. Moon Kun Lee | Prof. Dr. Dimitris Plexousakis | Prof. Dr. Bran Selic |
| Prof. Dr. Ulrich Frank | Prof. Dr. Pericles Loucopoulos | Prof. Dr. Jose Palazzo Moreira de Oliveira | Prof. Dr. Jan Vanthienen |
| Prof. Dr. Yoshinori Hara | Prof. Dr. Leszek Maciaszek | Prof. Dr. Nineta Polemi | Prof. Dr. Jelena Zdravkovic |
| Prof. Dr. Knut Hinkelmann | Dr. Hisashi Masuda | Prof. Dr. Claudia Pons | 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 19th, whole day
- Start: July 20th, at 9 a.m.
- End: July 31st, at 5 p.m.
- Departure: August 1st, whole day

How to register?

- Online Registration: www.omilab.org/camp2015
Necessary documents:
Registration form
CV (Europass format, in English)
Motivation letter
Recommendation letter
- Registration end: April 20th, 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

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Währinger Str. 29
1090 Vienna, Austria

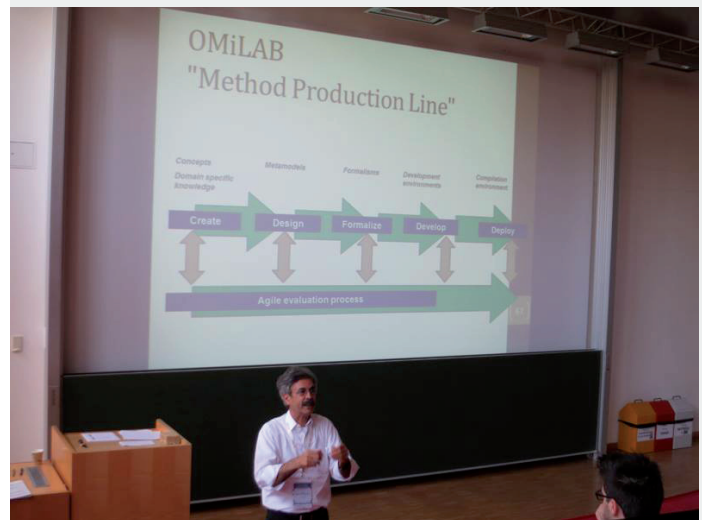
E-Mail: events@omilab.org
Tel.: +43-1-4277-78940
Web: www.omilab.org/camp2015



NEMO 2014 Summer School Impressions



NEMO 2014 Cohort and teachers



NEMO 2014 Lectures



NEMO 2014 Sightseeing