

NEXT GENERATION ENTERPRISE MODELLING IN THE AGE OF INTERNET OF THINGS

July 18th - July 29th, 2016 - University of Vienna, Austria

<http://nemo.omilab.org/2016/>



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 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

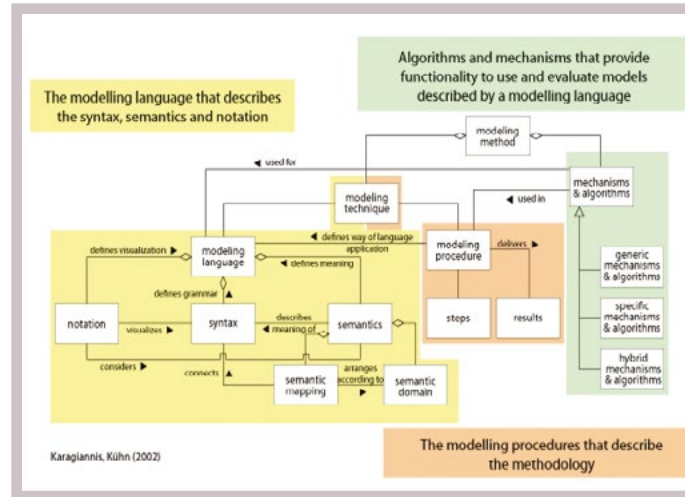
The generic modelling method framework proposed by Karagiannis and Kühn (2001) comprises all the necessary ingredients for the conceptualization, i.e. early development and prototyping phases of modelling tools for domain specific modelling methods.

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
- Application Domains
- Cross-cutting Issues.



OMiLAB Modelling Method Engineering Framework

Contributing Lecturers and Institutions*

Prof. Dr. Doo-Hwan Bae, Korea
 Prof. Dr. Xavier Boucher, France
 Ass. Prof. Dr. Robert Buchmann, Romania
 Prof. Dr. Luis Camarinha-Matos, Portugal
 Prof. Dr. Jin-Young Choi, Korea
 Prof. Dr. Elisabetta di Nitto, Italy
 Prof. Dr. Hans-Georg Fill, Austria
 Prof. Dr. Xavier Franch, Spain
 Prof. Dr. Ulrich Frank, Germany
 Ass. Prof. Dr. Kelly Johany Garces Pernet, Colombia
 Prof. Dr. Martin Glinz, Switzerland
 Prof. Dr. Wilfried Grossmann, Austria
 Prof. Dr. Yoshinori Hara, Japan
 Prof. Dr. Igor Hawryszkiewicz, Australia

Prof. Dr. Knut Hinkelmann, Switzerland
 Ass. Prof. Dr. Manfred Jeusfeld, Sweden
 Prof. Dr. Dimitris Karagiannis, Austria
 Prof. Dr. Evangelia Kavakli, Greece
 Prof. Dr. Marite Kirikova, Latvia
 Prof. Dr. Dimitris Kiritsis, Switzerland
 Prof. Dr. Kiyoshi Kobayashi, Japan
 Prof. Dr. John Krogstie, Norway
 Prof. Dr. Moon Kun Lee, Korea
 Prof. Dr. Pericles Loucopoulos, UK
 Ass. Prof. Dr. Hisashi Masuda, Japan
 Prof. Dr. Heinrich C. Mayr, Austria
 Prof. Dr. Haris Mouratidis, UK
 Prof. Dr. Andreas Oberweis, Germany

Prof. Dr. Oscar Pastor, Spain
 Prof. Dr. Andrea Polini, Italy
 Prof. Dr. Barbara Re, Italy
 Prof. Dr. Peter Reimann, Australia
 Prof. Dr. Wolfgang Reisig, Germany
 Prof. Dr. Matti Rossi, Finland
 Prof. Dr. Nick Roussopoulos, USA
 Prof. Dr. Bernhard Thalheim, Germany
 Prof. Dr. Jan Vanthienen, Belgium
 Prof. Dr. Frank Wolff, Germany
 Prof. Dr. Eric Yu, Canada
 Mr. John Zachmann, USA
 Prof. Dr. Jelena Zdravkovic, Sweden
 Prof. Dr. Heinz Züllighoven, Germany

Lead Institutions and Organizers:



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Erasmus+

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 17th, whole day
- Start: July 18th, at 9 a.m.
- End: July 29th, at 5 p.m.
- Departure: July 30th, whole day

How to register?

Online Registration: <http://nemo.omilab.org/2016/>
Necessary documents: Registration form
CV (Europass format, in English)
Motivation letter
Recommendation letter
Registration end: April 20th, 2016

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.



NEMO Participants



NEMO Lectures



NEMO Sightseeing

Contact: Ms. Elena-Teodora Miron
Ms. Verena Kleinschmid
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