3rd Edition in the NEMO Summer School Series

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/

CALL FOR PARTICIPATION

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 persistenly 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.
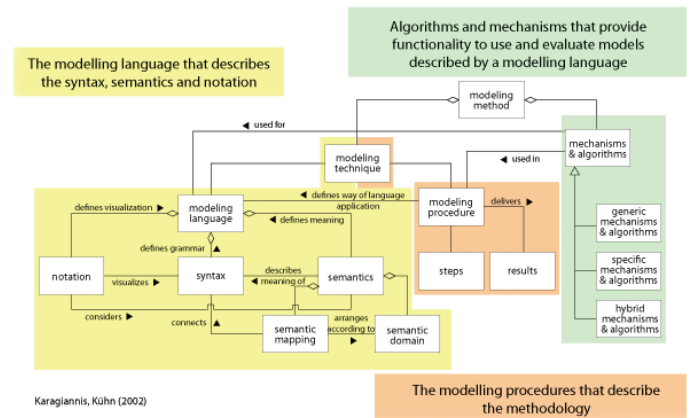
Framework and Topics

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 adressing 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. Knut Hinkelmann, Switzerland	Prof. Dr. Oscar Pastor, Spain
Prof. Dr. Xavier Boucher, France	Ass. Prof. Dr. Manfred Jeusfeld, Sweden	Prof. Dr. Andrea Polini, Italy
Ass. Prof. Dr. Robert Buchmann, Romania	Prof. Dr. Dimitris Karagiannis, Austria	Prof. Dr. Barbara Re, Italy
Prof. Dr. Luis Camarinha-Matos, Portugal	Prof. Dr. Evangelia Kavakli, Greece	Prof. Dr. Peter Reimann, Australia
Prof. Dr. Jin-Young Choi, Korea	Prof. Dr. Marite Kirikova, Latvia	Prof. Dr. Wolfgang Reisig, Germany
Prof. Dr. Elisabetta di Nitto, Italy	Prof. Dr. Dimitris Kiritsis, Switzerland	Prof. Dr. Matti Rossi, Finland
Prof. Dr. Hans-Georg Fill, Austria	Prof. Dr. Kiyoshi Kobayashi, Japan	Prof. Dr. Nick Roussopoulos, USA
Prof. Dr. Xavier Franch, Spain	Prof. Dr. John Krogstie, Norway	Prof. Dr. Bernhard Thalheim, Germany
Prof. Dr. Ulrich Frank, Germany	Prof. Dr. Moon Kun Lee, Korea	Prof. Dr. Jan Vanthienen, Belgium
Ass. Prof. Dr. Kelly Johany Garces Pernett, Colombia	Prof. Dr. Pericles Loucopuolos, UK	Prof. Dr. Frank Wolff, Germany
Prof. Dr. Martin Glinz, Switzerland	Ass. Prof. Dr. Hisashi Masuda, Japan	Prof. Dr. Eric Yu, Canada
Prof. Dr. Wilfried Grossmann, Austria	Prof. Dr. Heinrich C. Mayr, Austria	Mr. John Zachman, USA
Prof. Dr. Yoshinori Hara, Japan	Prof. Dr. Haris Mouratidis, UK	Prof. Dr. Jelena Zdravkovic, Sweden
Prof. Dr. Igor Hawryszkiewycz, Australia	Prof. Dr. Andreas Oberweis, Germany	Prof. Dr. Heinz Züllighoven, Germany

Lead Institutions and Organizers:

Who is the target group?

Master and PhD-students enrolled in programs of

- Computer Science
- Business Informatics
- Information Systems
- Business Administration
- Industrial Management
- Service Science

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. Iulia Vaidian
University of Vienna

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