NEXT GENERATION ENTERPRISE MODELLING IN THE AGE OF INTERNET OF THINGS

July 17th - July 28th, 2017 - University of Vienna, Austria

http://nemo.omilab.org/

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.

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. Prototypical tool implementations applying the framework are available in the book „Domain-Specific Conceptual Modelling: Concepts, Methods and Tools" (2016, Springer).

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.
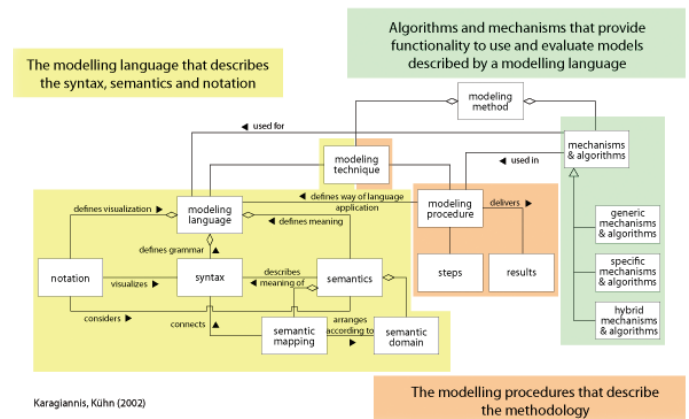
OMiLAB Modelling Method Engineering Framework

Contributing Lecturers and Institutions

Prof. Dr. Doo-Hwan Bae, KAIST, Korea

Prof. Dr. Xavier Boucher, EMSE, France

Mr. Holger Breitling, Workplace Solutions, Germany

Dr. Robert Buchmann, Babes-Bolyai University, Romania

Prof. Dr. Elisabetta di Nitto, Politecnico di Milano, Italy

Dr. Christos Douligeris, University of Piraeus, Greece

Prof. Dr. Jürgen Ebert, University of Koblenz-Landau, Germany

Prof. Dr. Hans-Georg Fill, University of Vienna, Austria

Prof. Dr. Ulrich Frank, Universität Duisburg-Essen, Germany

Prof. Dr. Jaap Gordijn, VU University, The Netherlands

Dr. Ana-Maria Ghiran, Babes-Bolyai University, Romania

Prof. Dr. Wilfried Grossmann, University of Vienna, Austria

Prof. Dr. Yoshinori Hara, Kyoto University, Japan

Prof. Dr. Knut Hinkelmann, FHNW, Switzerland

Dr. Manfred Jeusfeld, University of Skövde, Sweden

Prof. Dr. Dimitris Karagiannis, University of Vienna Austria

Dr. Ljuba Kerschhofer-Wallner, Deloitte, Germany

Prof. Dr. Marite Kirikova, Riga Technical University, Latvia

Prof. Dr. Dimitris Kiritsis, EPFL, Switzerland

Dr. Agnes Koschmider, KIT, Germany

Prof. Dr. Moon Kun Lee, Chonbuk National University, Korea

Dr. Hisashi Masuda, Japan Advanced Institute of Science and Technology, Japan

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

Dr. Khaled Medini, Ecole des Mines de Saint Etienne, France

Prof. Dr. Haris Mouratidis, University of Brighton, UK

Prof. Dr. Andreas Oberweis, KIT, Germany

Prof. Dr. Oscar Pastor, Universidad Politecnica de Valencia, Spain

Dr. Theodore Patkos, FORTH-ICS, Greece

Prof. Dr. Dimitris Plexousakis, University of Crete, Greece

Prof. Dr. Erik Proper, LIST, Luxembourg

Prof. Dr. Wolfgang Reisig, Humboldt University of Berlin, Germany

Prof. Dr. Juha Röning, University of Oulu, Finland

Prof. Dr. Matti Rossi, Aalto University, Finland

Dr. Damian Tamburri, Politecnico di Milano, Italy

Prof. Dr. Katsumi Tanaka, Kyoto University, Japan

Prof. Dr. Jan Vanthienen, KU Leuven, Belgium

Prof. Dr. Robert Winter, University of St. Gallen, Switzerland

Prof. Dr. Eric Yu, University of Toronto, Canada

Prof. Dr. Jelena Zdravkovic, Stockholm University, Sweden

Prof. Dr. Heinz Züllighoven, University of Hamburg, Germany

Participating Institutions and Organizers:

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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?

- Start: July 17th, at 9 a.m. (Arrival: July 16th, whole day)
- End: July 28th, at 5 p.m.

How to register?

Online Registration:	http://nemo.omilab.org/
Necessary documents:	Registration form
	CV (Europass format, in English)
	A motivation and a recommendation letter
Registration end:	April 20th, 2017

What does it cost?

Package I: 600 Euro	Package II: 750 Euro	Package III: 900 Euro
Accommodation (4 bed room) plus all facilities below	Accommodation (2 bed room) plus all facilities below	Accommodation (single room) plus all facilities below

Students are required to choose one of the three packages available. All packages include the summer school, breakfast, coffee breaks, lunches, course materials and one outdoor event.

NEMO 2014 Participants

NEMO 2015 Participants

NEMO 2016 Participants

CONTACT: Ms. Iulia Vaidian
Ms. Elena-Teodora Miron
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NEMOSummerSchool