

8<sup>th</sup> Edition



nemo.omilab.org



BECOME A DIGITAL LEADER!



CALL FOR PARTICIPATION



### NEMO Summer School Series

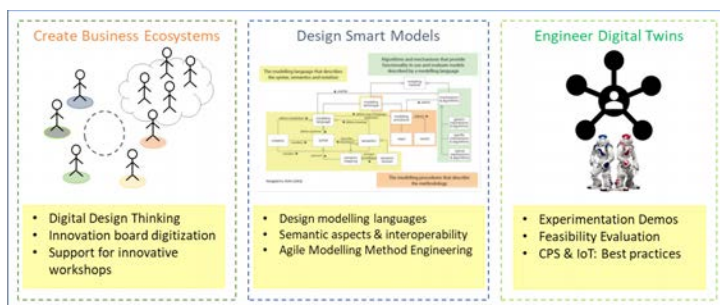
The NEMO summer schools focus on the design and implementation of Enterprise Digital Twins and Ecosystems based on conceptual modelling methods. They enable the design of semantically rich diagrammatic models that are both human-understandable and machine-processable, while providing services for analyzing models and interoperating with open digital environments. Conceptual models can thus be used as the knowledge platform of an organization and their value can be co-created by flexible collaboration between digital engineers and stakeholders.

Join the NEMO Summer School to learn how conceptual modelling supports innovation, design and engineering for digital business ecosystems!

Working in and for digitized organizations where smart devices, digital artefacts, robots, data streams and connectivity are ubiquitous, you will be faced with challenges pertaining to human resources, process lifecycles, business or regulatory rules. NEMO provides a vertical overview across different application domains to prepare you for all dimensions of digitization.

### Framework and Topics

The Digital Innovation environment of OMiLAB enables experimentation and training for both conceptualization and engineering activities. Stakeholders from a multi-disciplinary background are supported to develop innovative ideas as digital business models, to materialize them in proofs-of-concept and to evaluate their feasibility in a laboratory setting.



**Approach:** Conceptual Modelling, Metamodelling, Digital Twins

**Technology:** ADOxx Olive BEE-UP CoChaCo Visual Studio

Digital Innovation Environment of OMiLAB

The summer school provides a highly interactive experimental environment, where students and teachers focus on conceptual modelling for digital innovation ecosystems, covering topics such as:

- Foundations of Conceptual Modelling
- „Smart Models“ for humans and machines
- Concepts and technologies for Digital Ecosystems
- Digital Design Thinking
- Enterprise Digital Twins
- Cross-Cutting Issues

### Previous Editions



OMiLAB NPO



**Vision:** an active global community for conceptual modelling that benefits from open artefacts.

**Openness:** to all those interested, either as individuals or as institutions. It acts as an ecosystem where participants can bring in ideas related to conceptual modelling and engage in the exploration process.

**Laboratories:** dedicated research and experimentation spaces for modelling method engineering equipped with tools to explore method creation and design, experiment with method engineering and deploy digital innovation.

**Benefits:** dialogue between digital innovators and digital engineers, with amplification instruments which leverage the impact of the activities performed.

8<sup>th</sup> Edition



nemo.omilab.org

Vienna  
11 - 22 July  
2022

BECOME A  
DIGITAL LEADER!



CALL FOR PARTICIPATION



### 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 multicultural teams to create practical solutions to real-world problems
- Make your first steps in modelling Digital Twins
- 6 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 the world
- To be interested in working with novel technologies and concepts

### Where?

University of Vienna  
Faculty of Computer Science  
Währingerstraße 29  
1090 Vienna, Austria

### When?

Start: July 11<sup>th</sup>, at 9 a.m.  
End: July 22<sup>nd</sup>, at 5 p.m.  
Arrival: July 10<sup>th</sup>, whole day  
Departure: July 23<sup>rd</sup>, whole day

### 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 30<sup>th</sup>, 2022

### What does it cost?

**Package I: 1000 Euro** Accommodation in 4 bed room  
**Package II: 1250 Euro** Accommodation in 2 bed room  
**Package III: 1500 Euro** Accommodation in single room

Each individual package includes:

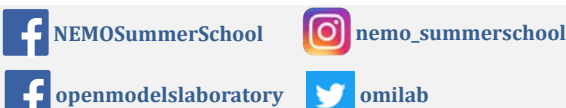
**participation fee, accommodation, breakfast, coffee breaks, lunch, course materials and one outdoor event.**

### Contributing Institutions & Sponsors



A selection from previous editions.

### Social Media



Like and follow for updates and news.

### CONTACT:

NEMO Summer School Team  
University of Vienna  
Fac. of Computer Science  
Währinger Str. 29  
1090 Vienna, Austria

E-Mail: [events@omilab.org](mailto:events@omilab.org)  
Web: <http://nemo.omilab.org/>

