

# NEMO 2022 Summer School - Programme Overview

		07 - 08 July	11 July	12 July	13 July	14 July	15 July	
ADOXX TRAINING DAYS	08:45 - 09:00		<b>Opening</b> OMiLAB@UNIVIE Team	<b>Goal-oriented Process Mining for Extracting Enterprise Processes</b> D. Amyot	<b>Acquiring models from data</b> A. Ghose	<b>The Essence of Conceptual Models</b> H.C. Mayr	<b>The industrial transition towards smart PSS: enterprise modelling to support value creation processes</b> X. Boucher	
	09:00 - 10:00		<b>Practical Aspects of Implementing Digitalization</b> J. Coyne					
	10:00 - 11:00		<b>AMME: How Metamodelling Supports Digitalization?</b> D. Karagiannis	<b>X-IoT: a Model Driven approach for cross platform IoT applications</b> A. Polini	<b>An Approach to the Information System Conceptual Modeling based on the Form Types and ADOxx Tools</b> I. Lukovic	<b>Engineering Digital Languages</b> B. Rumpe	<b>OMiLAB: An Introduction to the Digital Lab</b> K. Hinkelmann, W. Utz	
	11:00 - 11:30			N E T W O R K I N G		B R E A K		
	11:30 - 12:30		<b>Practice Session</b> Develop and use conceptual models with Bee-Up® P. Burzynski	<b>Data Cleansing for Business Understanding</b> W. Grossmann, C. Moser	<b>Modelling temporal requirements of processes</b> J. Eder	<b>Process Algebra to Model Probabilistic Behavior of Smart IoT</b> M.K. Lee	<b>OMiLAB@UNIVIE in Action</b> <b>Digital Design Thinking Workshop</b> I. Vaidian	
	12:30 - 14:00		L U N C H		L U N C H		L U N C H	
	14:00 - 15:00		<b>Participatory Enterprise Modelling with the 4EM Method: challenges and applications</b> J. Stirna	<b>Multi-Perspective Enterprise Modelling as a Foundation of IT-Business Alignment</b> U. Frank	<b>SAPnet: A Security Assessment Platform for SPN in the IoT Ecosystem</b> D. Douligeris	<b>Ontology-based Enterprise Modelling for Human and Machine Interpretation</b> K. Hinkelmann	<b>OMiLAB@UNIVIE in Action</b> <b>Digital Design Thinking Workshop</b> V. Döller, I. Vaidian, C. Muck, A. Völz, W. Utz	
	15:00 - 16:00		<b>MBSE and Semantic Modeling enable the transition from Digital Twins to Cognitive Twins</b> D. Kiritsis	<b>Enterprises as model-driven systems</b> E. Proper	<b>Pre-Conceptual Modeling for Exploring Actors and Interactions in Real-World Systems</b> S. Vössner	<b>Hybrid Knowledge Bases: the Interplay between Domain-specific Models and Knowledge Graphs</b> R. Buchmann, A-M. Ghiran	<b>OMiLAB@UNIVIE in Action</b> <b>Digital Design Thinking Workshop</b> C. Muck	
16:00 - 16:30			N E T W O R K I N G		B R E A K			
16:30 - 17:30		<b>Get Together   Open End</b>	<b>HILTI</b> <b>The next generation solid core – flexible boundary</b> M. Petry	<b>Practice Session with EcoViz</b> S. Vössner	<b>Practice Session with RDF</b> R. Buchmann, A-M. Ghiran	<b>Service Engineering models for the design and development of Digitalized Product-Service-Systems</b> G. Pezzotta		

## Week 2 16- 17 July

		18 July	19 July	20 July	21 July	22 July	
LEISURE DAYS	09:00 - 10:00	<b>Enterprise Modeling for Continuous Requirements Engineering</b> M. Kirikova	<b>The Role of Requirements in the Digital Age: Requirements Engineering Revisited</b> M. Glinz	<b>Data asset monetization as a modelling concern</b> M. Rossi	<b>Capability Oriented Requirements Engineering</b> E. Kavakli	<b>GROUP PRESENTATIONS</b> Innovation Scenarios	
	10:00 - 11:00	<b>Integrated Process and Decision Modelling</b> J. Vanthienen	<b>Digital Transformation of Organizations: How Enterprise Modelling can help</b> K. Sandkuhl	<b>Business Processes as a Driver for Digital Transformation within Business Communities</b> A. Oberweis	<b>Design and modelling of digital value networks, business models and architectures in the energy domain of the future</b> D. Hertweck, P. Küller	<b>GROUP PRESENTATIONS</b> Innovation Scenarios	
	11:00 - 11:30		N E T W O R K I N G		B R E A K		
	11:30 - 12:30	<b>Practice Session Introduction</b> Digitalization in Smart Cities: A Case Study A. Völz	<b>Practice Session</b> Digitalization in Smart Cities with ADOxx® OMiLAB@UNIVIE Team	<b>Practice Session</b> Digitalization in Smart Cities with ADOxx® OMiLAB@UNIVIE Team	<b>Practice Session</b> Digitalization in Smart Cities with ADOxx® OMiLAB@UNIVIE Team	<b>GROUP PRESENTATIONS</b> Innovation Scenarios	
	12:30 - 14:00	L U N C H		L U N C H		L U N C H	
	14:00 - 15:00	<b>Towards Tool-Supported Situational Roadmap Development for Business Process Improvement</b> F. Johannsen	<b>Security and AI: Regulatory Frameworks Proposals</b> S. Tjoa	<b>Modelling Knowledge Action and Time: Action Theories and Their Application in Dynamic Domains</b> D. Plexousakis, T. Patkos	<b>Architecting the Enterprise - A Design Science Approach</b> M. Helfert	<b>GROUP PRESENTATIONS</b> Innovation Scenarios	
	15:00 - 16:00	<b>Managing ship arrivals in a port: The Design Process of Digital Objects in Context of Software Architectures</b> H. Züllighoven	<b>How to model fair ecosystems?</b> J. Gordijn	<b>Enterprise Modelling and Blockchains: Recent Findings and Future Prospects</b> H.G. Fill	<b>Challenging the Design of Digital Products and Services with Modelling Approaches and the OMiLAB@Hilti</b> M. Nemetz	<b>GROUP PRESENTATIONS</b> Innovation Scenarios	
	16:00 - 16:30		N E T W O R K I N G		B R E A K		
16:30 - 17:30	<b>CITY OF VIENNA</b> <b>Digital City Vienna</b> K. Himpele	<b>Working Session</b> Innovation Scenarios Group Work	<b>Working Session</b> Innovation Scenarios Group Work	<b>Working Session</b> Innovation Scenarios Group Work	<b>Closing Ceremony</b>		