

NEMO 2022 Summer School - Programme Overview

		09 - 10 July	11 July	12 July	13 July	14 July	15 July	
ADOXX TRAINING DAYS	09:00 - 10:00		Opening Ceremony	Goal-oriented Process Mining for Extracting Enterprise Processes D. Amyot	Acquiring models from data A. Ghose	The Essence of Conceptual Models H.C. Mayr	The industrial transition towards PSS articulating enterprise modelling and economic model balancing X. Boucher	
	10:00 - 11:00		AMME: How Metamodelling Supports Digitalization? D. Karagiannis	MBSE and Semantic Modeling enable the transition from Digital Twins to Cognitive Twins D. Kiritsis	An Approach to the Information System Conceptual Modeling based on the Form Types and ADOxx Tools I. Lukovic	Ontology-based Enterprise Modelling for Human and Machine Interpretation K. Hinkelmann	OMiLAB: An Introduction to the Digital Lab 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		Practice Session Develop and use conceptual models with Bee-Up® OMiLAB Team	Practice Session Develop and use conceptual models with Bee-Up® OMiLAB Team	Practice Session Develop and use conceptual models with Bee-Up® OMiLAB Team	Practice Session Develop and use conceptual models with Bee-Up® OMiLAB Team	OMiLAB in Action Innovation Workshop: Digital Design Thinking OMiLAB Team	
	12:30 - 14:00		L U N C H		L U N C H		L U N C H	
	14:00 - 15:00		Participatory Enterprise Modelling with the 4EM Method J. Stirna	Multi-Perspective Enterprise Modelling as a Foundation of IT-Business Alignment U. Frank	Security Assessment Using SAPnet in the Internet of Things (IoT) Ecosystem D. Douligeris	Compositionality in Modelling Languages B. Rumpe	OMiLAB in Action Innovation Workshop: Digital Design Thinking OMiLAB Team	
	15:00 - 16:00		X-IoT: a Model Driven approach for cross platform IoT applications A. Polini	Enterprises as model-driven systems E. Proper	Pre-Conceptual Modeling for Exploring Actors and Interactions in Real-World Syst. S. Vössner	Hybrid Knowledge Bases: the Interplay between Domain-specific Models and Knowledge Graphs R. Buchmann	OMiLAB in Action Innovation Workshop: Digital Design Thinking OMiLAB Team	
	16:00 - 16:30		N E T W O R K I N G		B R E A K			
16:30 - 17:30		Get Together Open End	HILTI The next generation solid core – flexible boundary M. Petry	Practice Session S. Vössner	Process Algebra to Model Probabilistic Behavior of Smart IoT M.K. lee	Service Engineering models for the design and development of Digitalized Product-Service-Systems G. Pezzotta		
		16- 17 July	18 July	19 July	20 July	21 July	22 July	
LEISURE DAYS	09:00 - 10:00		Enterprise Modeling for Continuous Requirements Engineering M. Kirikova	The Role of Requirements in the Digital Age: Requirements Engineering Revisited M. Glinz	Modeling data asset monetization M. Rossi	Capability Oriented Requirements Engineering E. Kavakli	STUDENT PRESENTATIONS	
	10:00 - 11:00		Integrated Process and Decision Modelling J. Vanthienen	Digital Transformation of Organizations: How Enterprise Modelling can help K. Sandkuhl	Business Processes for Business Communities A. Oberweis	Design and modelling of digital value networks, business models and architectures in the energy domain of the future D. Hertweck, P. Küller	STUDENT PRESENTATIONS	
	11:00 - 11:30		N E T W O R K I N G		B R E A K			
	11:30 - 12:30		Practice Session Digitalization in Smart Cities with ADOxx® OMiLAB Team	Practice Session Digitalization in Smart Cities with ADOxx® OMiLAB Team	Practice Session Digitalization in Smart Cities with ADOxx® OMiLAB Team	Practice Session Digitalization in Smart Cities with ADOxx® OMiLAB Team	STUDENT PRESENTATIONS	
	12:30 - 14:00		L U N C H		L U N C H		L U N C H	
	14:00 - 15:00		Towards Tool-Supported Situational Roadmap Development for Business Process Improvement F. Johannsen	Security and AI: Regulatory Frameworks Proposals S. Tjoa	Modelling Knowledge Action and Time: Action Theories and Their Application in Dynamic Domains D. Plexousakis, T. Patkos	Architecting the Enterprise - A Design Science Approach M. Helfert	STUDENT PRESENTATIONS	
	15:00 - 16:00		The Design Process of Digital Objects in Context of Software Architectures H. Züllighoven	How to model your eco-system? J. Gordijn	Joining Distributed Ledger Technologies and Enterprise Models: The Concept of Knowledge Blockchains H.G. Fill	HILTI M. Nemetz	STUDENT PRESENTATIONS	
	16:00 - 16:30		N E T W O R K I N G		B R E A K			
16:30 - 17:30		CITY OF VIENNA Digital City Vienna K. Himpele	Working Groups Smart City Innovation Scenario All participants	Working Groups Smart City Innovation Scenario All participants	PhD Research and Beyond within EIS: Trials and Tribulation P. Loucopoulos	Closing Ceremony		