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Open Models Laboratory Ecosystem:

Training Agenda

OMILAB Node: ULBS

Date: January 30-31, 2020

All times are Romanian Time

OMLAB®

Participants ULBS

Adrian Florea adrian.florea@ulbsibiu.ro

Ion Mironescu ion.mironescu@ulbsibiu.ro

Daniel Morariu daniel.morariu@ulbsibiu.ro

Octavian Baltes octavian.baltes@gmail.com

Maria Muntean maria.muntean@ulbsibiu.ro

Daniel Craciunean daniel.craciunean@gmail.com

Victor Dobrila dobrila.petric.victor@gmail.com

Emil Nistor emil.nistor@ulbsibiu.ro

Ioana Cofaru ioana.cofaru@ulbsibiu.ro

Cristian Mihutoiu Cristian.Mihutoiu@continental-corporation.com

Maria Dobrota maria.dobrota@ulbsibiu.ro

Day 1: January 30, 2020

Time	Topic
10:00 – 11:00	**Welcome to OMiLAB - Introduction of Laboratory**
	- Introduction to Lab Spaces - Layer: Design - Model – Make
	Module A – Software Installation and Configuration
	Installation Approach a) Scene2Model (Stand-Alone) b) BeeUp (Stand-Alone) c) ADOxx (Laboratory installation)
	Configuration and integration within laboratory Setup of infrastructure Individual experiment set up
11:00 – 11:30	**Module E – Module E-Training Scenarios**
	Workshop: Relation and Collaboration between the three layers a) From Design to Concept Layer (Design Thinking) b) From Concept to Physical Layer (Smart Mobility) c) Concept to Concept Scenario (Conceptual Modelling for Assembly Arm)
11:30 – 12:00	Wrap and Up Scenarios / Q&A
15:30 – 16:30	**Module C – Scene2Model (Usage and Configuration)**
	Introduction of Design Thinking Use and configuration of Scene2Model a) Configuration of the software Introduction to model types (Scenes – Story Board – Company Map) Demonstration and tool support a) Creation of a scene b) Creation of storyboard c) Adaption of models
16:30 – 17:00	**Experimentation and Individual Support**

Day 2: January 31, 2020

Time	Topic
10:00 – 11:00	**Module B – Conceptual Modelling Methods with Bee-Up (Usage and Configuration)**
	Introduction of Conceptual Modelling and Value of Models Use and configuration of software tools a) Creation of models b) Adaption of models Configuration of models Demonstration of models with Bee-Up
11:00 – 11:30	**Experimentation and Individual Support**
13:00 – 15:00	**Module D – Tool Adaption and Configuration Starting with Meta Modelling**
	Introduction to Meta Modelling Introduction to ADOxx Meta Modelling Platform Demonstration & Hello World Example Advanced functionalities a) Introduction to mechanisms and algorithms b) Demonstration of simulation Development service for own modelling toolkit Software Adaption a) Scene2Model Adaption b) Bee-Up Adaptation (HTTP-Request) c) Dobot / mBot / … (new methods - REST)
15:00 – 15:30	**Experimentation and Individual Support**
15:30 – 16:00	**Module F – Community and Evolution**
	Introduction to the OMiLAB Community How to participate in the OMiLAB Physical Lab Introduction to the ADOxx Community Introduction to the Olive Community

Contact

For further information please contact
OMiLAB gGmbH
Lützowufer 1
10785 Berlin, Germany
Phone: +49-30-26 36 78 63

E-Mail: office@omilab.org