ADOxx
3- Day Training

Venue: ONLINE

https://global.gotomeeting.com/join/425090589

Registration & Website
ADOxx: www.adoxx.org

Day 1

09:00 – 09:30	**Individual ADOxx® Access Support for Participants**
Local Installation support of ADOxx® on the participants computer *(participation is optional for users that have ADOxx® installed on their device).*	

Starting from Scratch	
09:30 – 11:30	**How to implement a Modelling Method via "Hello World"**
Hands-On Explanation on how to develop a Modelling Tool *Model Types, Model Classes, Relations* *Modelling, Analysis, (Simulation), Transformation* *Hands-On Explanation on how to extend a Modelling Tool with external Features* *ADOxx and Bat File (external Application) Interaction* *ADOxx and Web-Service Interaction*	
11:30 – 12:00	**Agile ADOxx Development and Deployment Process**
ADOxx development process *Deployment variants by example*	
12:00 – 13:00	**Lunch Break**

Starting from a Specified Meta Model	
13:00 – 14:00	**How to transform Requirements into a Modelling Language using "Entity Relationship" as a use case**
Explanation to derive a conceptual and a platform dependent meta model *Explanation of different transformation alternatives* *Hand-On Session on implementing the meta model*	
14:00 – 14:30	**Break**

Starting from a Modelling Method Idea	
14:30 – 16:30	**How to elicit Requirement for a Modelling Method from an idea The use case "Smart Automation"**
Explanation of how to derive a conceptual and a platform-dependent meta-model. *Discussion of possible model value functionalities.* *Hands-on realization of modelling tool prototype.*	
16:30 – 17:00	**Individual Practice Time on most relevant Modelling Language Features**
Modelling Language Development: Cockbook *Individual Practice Time on most relevant Modelling Language Features.*	

Day 2

Continuing with a Modelling Method Idea	
09:30 – 12:00	**Realizing Basic Model Value Functionality:** **Smart Mobility Domain**

- *Basic configuration of ADOxx platform functionality:*
  - o *Predefined queries*
  - o *Object conversion*
- *Setting up AdoScript Development Environment*

12:00 – 13:00	**Lunch Break**

Starting from Specified Mechanisms & Algorithms	
13:00 – 14:00	**Realizing Advanced Model Value Functionality:** **Smart Mobility Domain**

- *Custom implementation of model value functionality:*
  - o *Location assessment*
  - o *Routing assessment*
- *Reuse service functionality:*
  - o *Geocoding*
  - o *Model publication*

14:00 – 14:30	**Break**
14:30 – 16:30	**How to transform Requirements into Mechanisms & Algorithms** **using external Services**

- *Explanation of different technological concepts for service integration*
- *Hands-On Session to integrate a Wiki*
- *Hands-On Session to integrate a Process Simulation*

16:30 – 17:00	**Individual Practice Time on most relevant Modelling Language** **Features**

- *Mechanisms and Algorithm Development: Cockbook*
- *Individual Practice Time on most relevant Modelling Language Features.*

Starting from implemented Modelling Method	
09:30 – 11:00	**Creation of Modelling Tool Deployment Packages**
Creating Tool Deployment Package *Graphenstone Experiment*	
11:00 – 11:30	**Break**
Continuing with a Modelling Method	
11:30 – 13:00	**How to stay in touch with ADOxx.org Community**
Development Tools *Development Community* *Community Events*	