ECLIPSE TRACTUS-X COMMUNITY DAYS

MAY 16th, 2024

Time	Session	Details	Speakers
12:00 - 12:40 p.m.	**Arrival**	Snacks and networking, visit the marketplace	
12:40 - 01:00 p.m.	**Welcome**	Welcome at ARENA2036 e.V.	**Georg Schnauffer** Deputy Director and Research Coordinator at ARENA2036 e.V.
01:00 - 01:30 p.m.	**Keynote**	**Open Source Development in Industry Collaborations**	**Michael Plagge** Vice President Ecosystem Development at Eclipse Foundation **Michael Hahn** Managing Director Value Creation & Technology at Catena-X Automotive Network.V.
01:30 - 02:10 p.m.	**Key-Panel**	**The new Post-Consortia Role of Committers: Responsibility becomes real**	**Tractus-X Committers:** Siegfried Kiermayer (SAP), Evelyn Gurschler (BMW), Nico Koprowski (Mercedes), Rohan Krishnamurthy (ZF) **Moderators:** Daniel Miehle (BMW), Maximilian Ong (Mercedes)
02:10 - 02:30 p.m.	**Presentation**	**Open Source for Digital Twins with the Asset Administration Shell** - Intro about IDTA and the AAS - Overview Eclipse Digital Twin Top-Level-Project - Role of Submodel Repositories in Dataspaces	**Dr. Christian Mosch** Managing Director at Industrial Digital Twin Association (IDTA) **Juilee Tikekar** IDTA
02:30 - 02:45 p.m.	**Major Release 24.05**	Preview to the Major Release 24.05	**Hanno Focken** Managing Director Operations and Governance at Catena-X Automotive Network e.V.
	BREAK		
03:15 - 03:50 p.m.	**Introduction Stream 1**	**The Eclipse Data Space Components (EDC)** - Technical introduction to the architecture and functionality of the Eclipse Data Space Components (EDC) - A minimal setup for EDC to test communication scenarios - Instructions for setting up the environment and using it as a programmer	**Stephan Bauer** Platform Domain Manager at Catena-X Automotive Network e.V.
	Introduction Stream 2	**Semantic Models and the Asset Administration Shell (AAS)** - The role of semantic models for the data chain - The overall architecture: semantic models, Asset Aministration Shell (AAS) and the Eclipse Dataspace Components - A scenario using the example of a special supply chain for a central component in the vehicle (wiring harness)	**Dr. Birgit Boss (Bosch)** **Dr. Thomas Henn (Bosch)** Catena-X Product Owners for Semantic Layer / Digital Twins
	Introduction Stream 3	**DCM – Demand- and Capacity Management at Catena-X Open Source** - Motivation - Core Logic - Status Quo Documentation + DCM FOSS Application	**Philipp Mai (BMW)** IT Expert **Jürgen Schuberthan (BMW)** Catena-X Lead of Use Case Demand- and Capacity Management
	Introduction Stream 4	**Introducing the Tractus-X Digital Product Pass Application Use Case** - Digital Product Passport Use Case in Circular Economy: business and technical aspects - Current work related to the Digital Product Pass Verification (Released in 24.05)	**Mathias Brunkow Moser (CGI)** Catena-X DPP Software Architect
	BREAK: Go to the Workshops		
04:00 - 06:00 p.m. Workshops run in parallel		Choice of different parallel workshops:	
	Stream 1 WORKSHOP	**Eclipse Data Space Components (EDC)** - First excercise: install your own EDC environment - Practical excercises on your system environment - Start working on your own or a given challenge	**Stephan Bauer** Platform Domain Manager at Catena-X Automotive Network e.V. and other coaches
	Stream 2 WORKSHOP	**Semantic Models and the Asset Administration Shell** - Get familiar with the Asset Administration Shell in the context of Catena-X - Practical exercises in a) building a digital twin aka Asset Administration Shell - and b) registering and discovering digital twins	**Tunahan Cicek (Bosch)** IT Expert **Dr. Birgit Boss (Bosch)** **Dr. Thomas Henn (Bosch)** Catena-X Product Owners for Semantic Layer / Digital Twins
	Stream 3 WORKSHOP	**FOSS DCM Application – Upgrade to Catena-X 24.05!** - Upgrade functional capabilities as defined by Catena-X Standards - Upgrade functional capabilities outside Catena-X Standards - Upgrade technical stack as defined by Catena-X Standards and Ecplipse Tractus-X	**Philipp Mai (BMW)** IT Expert **Jürgen Schuberthan (BMW)** Catena-X Lead of Use Case Demand- and Capacity Management
	Stream 4 WORKSHOP	**Hands-On Work Session with the Tractus-X Digital Product Pass Application Use Case** - Get to know the code and deploy the application - Create your own Digital Product Passport - Access Digital Product Passports scanning QR codes - Have fun solving a sustainability problem	**Jochen Braun (CGI)** Catena-X DPP Expert Group Co-Lead **Mathias Brunkow Moser (CGI)** Catena-X DPP Software Architect **Muhammad Saud Khan (CGI)** Catena-X DPP DevOps Engineer
	Marketplace	Visit the info points by e.g. Tractus-X System Team / Security Team / FOSS, Catena-X Automotive Network e.V., Cofinity-X, ARENA-X and IDTA	
	Open discussion room for data provider	Book your own time slot for your topic	
From 07:00 p.m.	**Evening event in the ARENA2036**	With coding, guided tours and a marketplace (with information booths: Catena-X Automotive Network e.V., Cofinity-X, ARENA-X; IDTA) Open end (approx. 10 p.m.)	

DAY TWO

ECLIPSE TRACTUS-X COMMUNITY DAYS

MAY 17th, 2024

Time	Session	Details	Speaker
09:00 - 9:40 a.m.	**Tech Talk**	**dataspaceOS – How to connect the automotive industry!**	**Dr. Markus Lehmann (ZF Friedrichshafen AG)** Automotive Ecosystems Head of Product Development
09:40 - 11:40 a.m. Workshops run in parallel	**Workshops** (scheduled in 2h-sessions, which will allow switching between the workshop streams)	Continuing work from day 1 / Your next challenge in a different workshop (see workshop selection from day 1)	
11:40 - 12:00 a.m.	**Pitch with intermediate results**		
	LUNCH BREAK		
01:00 - 03:00 p.m.	**Workshops** (scheduled in 2h-sessions, which will allow switching between the workshop streams)	Continuing work from day 1 / Your next challenge in a different workshop (see workshop selection from day 1)	
03:00 - 04:00 p.m.	**SUMMARY**	Interesting results and closing	