ECLIPSE TRACTUS-X COMMUNITY DAYS

04:00 p.m. - 04:30 p.m.
Welcome
Georg Schnauffer
Welcome at ARENA2036 e.V.

04:30 p.m. - 05:00 p.m.
Key-Panel
The new Post-Consortia Role of Committers: Responsibility becomes real
Tractus-X Committers: Siegfried Kieper (SAP), Cymon Dini (Catena-X Automotive Network e.V.), Robin Krautmayr (BMW), Ralf Glick (Mercedes), Marian Schmutzler (Mercedes),}

05:00 p.m. - 05:30 p.m.
Presentation
Open Source for Digital Twins with the Asset Administration Shell
Hanno Focken
Managing Director Operations and Governance at Catena-X Automotive Network e.V.

05:30 p.m. - 06:00 p.m.
Major Release 24.05
Hanno Focken
Preview to the Major Release 24.05

06:00 p.m. - 09:00 p.m.
BREAK

09:00 p.m. - 09:30 p.m.
Break: Go to the Workshops

09:30 p.m. - 09:45 p.m.
Introduction Stream 1
The Eclipse Data Space Components (EDC)
Stephan Bauer
- Technical introduction to the architecture and functionality of EDC
- A minimal setup for EDC to test communication scenarios
- Introduction into the environment and streaming a program

09:45 p.m. - 10:00 p.m.
Introduction Stream 2
Semantic Models and the Asset Administration Shell (AAS)
Dr. Birgit Bosz (Bosch)
- The role of semantic models for the data stack
- The overall architecture: semantic models, Asset Administration Shell (AAS) and the Eclipse Odissey Components
- A semantic example using a special-skill chain for a semantic component in the vehicle (parsing sensors)

10:00 p.m. - 10:15 p.m.
Introduction Stream 3
DCM - Demand- and Capacity Management at Catena-X Open Source
Philipp Ma (BMW)
- Moderation
- Cofinality-X, ARENA-X; IDTA Information booths: Catena-X Automotive Network e.V., Security Team / FOSS, Catena-X Automotive Network e.V., Cofinality-X, ARENA-X and IDTA
- Start working on your own or a given challenge
- Have fun solving a sustainability problem
- Access Digital Product Passports scanning QR codes
- Create your own Digital Product Passport
- Get familiar with the Asset Administration Shell in the Eclipse Data Space Components (EDC)

10:15 p.m. - 10:30 p.m.
Introduction Stream 4
Hands-On Work Session with the Tractus-X Digital Product Pass
Jochen Braun (CGI)
- Introducing the Tractus-X Digital Product Pass
- Status Quo Documentation + DCM FOSS Application
- Core Logic
- Instructions for setting up the environment and using it as a basis for development
- A minimal setup for EDC to test communication scenarios
- Technical introduction to the architecture and functionality of EDC
- Role of Submodel Repositories in Dataspaces
- Overview Eclipse Digital Twin Top-Level-Project
- Intro about IDTA and the AAS
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10:30 p.m. - 10:45 p.m.
Workshops run in parallel
Workshops run in parallel

10:45 p.m. - 11:00 p.m.
Introducing the Digital Product Pass Verification (to be updated in 24.05)

11:00 p.m. - 11:15 p.m.
ECLIPSE TRACTUS-X COMMUNITY DAYS
DAY TWO

00:00 p.m. - 00:15 p.m.
Tech Talk
Dr. Markus Lehmann (ZF Friedrichshafen AG)
- Automotive Ecosystems Demand- and Capacity Management
- Industry Collaborations

00:15 p.m. - 00:30 p.m.
Workshops (scheduled in 2 sessions, which will allow switching between the workshop streams)
Workshops run in parallel

00:30 p.m. - 00:45 p.m.
LUNCH BREAK

00:45 p.m. - 01:00 p.m.
Pitch with intermediate results

01:00 p.m. - 01:15 p.m.
Workshops (scheduled in 2 sessions, which will allow switching between the workshop streams)

01:15 p.m. - 01:30 p.m.
Summary
Introducing results and closing