Agenda
OSADL Networking Week 2021
June 14 to 17, 2021
Virtual, by live video streams and video conference
"OPC UA PubSub over TSN using open62541 and beyond"

Monday, June 14, 2021: 10:00am – 12:00pm CEST	**OSADL Networking Week - Session I** **History and current status of the open62541 community project**
10:00am – 10:15am CEST	Welcome and introduction – *Dr. Carsten Emde, OSADL*
10:15am – 11:00am CEST	open62541 – The maintainer perspective – *Dr.-Ing. Julius Pfrommer, Fraunhofer IOSB*
11:00am – 11:45am CEST	The state of OPC UA security (Market study and security analysis of popular SDK) – *Dr.-Ing. Christian Haas, Fraunhofer IOSB* – *Jens Mehrfeld, Bundesamt für Sicherheit in der Informationstechnik*
Approx. 11:45am – 12:00pm CEST	Questions and discussion
Tuesday, June 15, 2021: 2:00pm – 4:00pm CEST	**OSADL Networking Week - Session II** **Combining OPC UA with Time Sensitive Networking (TSN)**
2:00pm – 2:15pm CEST	Short recap of lectures given in previous sessions – *Dr. Carsten Emde, OSADL*
2:15pm – 3:00pm CEST	Theory and practice of TSN for Linux real-time communication – *Héctor Blanco Alcaine, Intel*
3:00pm – 3:45pm CEST	Concept of centralized user configuration in TSN for industrial use cases – *Martin Polster, Siemens*
Approx. 3:45pm – 4:00pm CEST	Questions and discussion
Wednesday, June 16, 2021 10:00am – 12:00pm CEST	**OSADL Networking Week - Session III** **Considerations when using open62541 for OPC UA PubSub over TSN in real-world embedded systems**
10:00am – 10:15am CEST	Short recap of lectures given in previous sessions – *Dr. Carsten Emde, OSADL*
10:15am – 10:45am CEST	Obligations of the Mozilla 2.0 Open Source license and how they are best fulfilled – *Caren Kresse, OSADL*

10:45am – 11:15am CEST	How to use the quick start guide to set up an OPC UA PubSub over TSN system and generate real-time performance data – *Bhagath Karunakaran, Kalycito Infotech*
11:15am – 11:45am CEST	OPC UA PubSub over TSN systems under test in the OSADL QA Farm – *Dr. Carsten Emde, OSADL*
Approx. 11:45am – 12:00pm CEST	Questions and discussion
Thursday, June 17, 2021 **2:00pm – 4:00pm CEST**	**OSADL Networking Week - Session IV** **OPC UA in a larger context**
2:00pm – 2:15pm CEST	Short recap of lectures given in previous sessions – *Dr. Carsten Emde, OSADL*
2:15pm – 2:45pm CEST	Current status of the *node-opcua* project – *Etienne Rossignon, STERFIVE*
2:45pm – 3:15pm CEST	Functional safety for machine-to-machine communication with OPC UA Part15: Safety – *Dr. Max Walter, Siemens*
3:15pm – 3:45pm CEST	Outlook to the future of OPC UA PubSub over TSN in industrial real-time communication – *Stefan Bina, B&R Industrial Automation*
Approx. 3:45pm – 4:00pm CEST	Questions and discussion
The conference language is English, all presentation material will be in English. *Information how to access the live video stream sessions and the discussion rounds via video conference will be sent to registered participants prior to the event.*	