

AMM Planning April 25-27 2023 - Technical Session and Workshop Proposals

Note: Another planning page with restricted access exists at [Internal planning page for COVESA AMM April 2023 - Technical](#)

Session Proposals

Proposed Topic /Session Title	Abstract	Requested Duration	Requested Day	Proposed By	Comments
Progress of EV Power Optimization Project		1 hour	26th April, 2023	Pradeep Mobis	Presentation on progress of EV Power Optimization Project with discussion on use cases related to Infotainment and other Modules
Workshop on EV Power Optimization Project		1 hour	26th April, 2023	Pradeep Mobis	Workshop can be a demo of EV Power Optimization solutions in different automotive sub-system components
Usage of VSS in a VISSv2 interface		1 hour		Ulf Bjorkengren	
Evolving VSS into a domain agnostic information model				Ulf Bjorkengren	
In-Vehicle Payment /Commerce Workshop track		2+ hour workshop		COVESA Mike	Workshop would be combination of Panels and 20 minute presentations. I already have about 2.5 hours of content and speakers in discussions. (Aiden, Discover, MAVI, WEX, JP Morgan/Chase, FIS Global, Mercedes, Sony, Stellantis, etc). Aiden and MAVI are also looking to each have a vehicle in the showcase as well.
Vehicle Experience and Content /Entertainment Workshop track		2+ hour workshop		COVESA Mike	Workshop would be combination of Panels and 20 minute presentations. This will be very easy to fill with quality speakers and panelists.
EV Charging Track		1.5-2 hour track		COVESA Mike	Could be thought leadership and/or more technical workshop of speakers and panels on EV Charging. Would be good sessions to share prior to any EV Charging project deep dives.
Using VSS to interact with AUTOSAR Systems		1 hour presentation or 1-2 hour workshop		Henkel Achim (Erik Jaegervall)	Present progress of AUTOSAR-COVESA collaboration, and/or present alternative solutions and initiatives for integration VSS with AUTOSAR incl the example of "smart wipers"
Deployment Options and Security Architecture using VSS in-vehicle		30 min presentation		Sebastian Schildt	Presenting an concept for OAuth compatible in-vehicle authorisation of datapoint, and sketch how you would use these building blocks in different deployment scenarios from "fully static/controlled", two "Open ecosystem for third parties"
Truly portable Vehicle Applications using Webassembly & WASM		30 min presentation		Sebastian Schildt matthias Danzeisen	WASM is a new portable runtime for code. Existing languages can be compiled to WASM, same binary code can run on microcontrollers and microprocessors. Docker developers say "had WASM existed we would not have created docker". Will show how such a portable, platform agnostic technology can be combined with VSS to create truly portable vehicle apps.
VSS Deployment Scenarios		1 hour presentation or 2 hour workshop			Present status on what scenarios we have identified and rough architecture for each, and/or discuss what scenarios we need to cover
Datacentric Architecture Design Pattern		TBD		Stephen Lawrence	Introduction of a Datacentric Data Architecture Design Pattern