



Functional Safety Community  
25.Get-2-Gether  
@ VIRTUAL VEHICLE  
MO, 28.09.2020



## Einladung zum 25. Get-2-Gether der FuSaCom



**TOPICS: HEADSTART | Cybersecurity Standardization Status and Tooling**

**Time: MO, 28.09.2020 – at 17:00h (on time)**

**Location: HS IMEG 140, Inffeldgasse 21a / EG, 8010 Graz**

**F2F/Online: 30 participants F2F – Online LIVE session via MS Teams**

### Special Guest Talk

#### Risk Analysis and Security Assurance in Connected Vehicles

*Talk will highlight the relevant challenges and present the adopted approach of two EU research projects (i.e., H2020 DS SAFERTEch and CEF Telecom 2CeVau project) to those challenges and discuss the relevant findings & developed tools, towards safer connected driving.*

**Dr. Panagiotis Pantazopoulos**  
ICCS, Athens, Greece  
(Cybersecurity Expert & Senior Researcher)



### HEADSTART – Cybersecurity Validation for Connected and Automated Driving

*HEADSTART project defines and develops test, validation and certification methodologies and procedures for Connected and Automated Driving (CAD) functions including Key Enable Technologies (KET) such as communications, cybersecurity, and positioning.*

**Dr. Michael Schmeja**  
(Head of Area Safety and Security  
@Virtual Vehicle Research GmbH)



Presentation will provide a brief overview of cybersecurity in HEADSTART:

- Introduction of HEADSTART project and cybersecurity as a KET
- HEADSTART methodology and common approach for KETs integration
- Cybersecurity particularities within the methodology
- HEADSTART procedure and cybersecurity specific activities
- Next steps, use cases and testing tool for HEADSTART validation and demonstration
- Questions and discussion



**Joaquim Castella Trigriner, MSc**  
*(Researcher, Dependable Systems @Virtual Vehicle Research GmbH)*



## Latest News from Automotive Safety & Cybersecurity Standards and a tool for practical analysis and assessment

„Automated Driving Systems“ are no longer just a research topic – the path forward is now already supported by standards and guidelines. The committee ISO TC22, „Road vehicles“, has identified the fact that many TC22 subcommittees, and also some other road traffic related relevant standardization groups.

Key topics in the talk are:

- Status ISO DIS 21434 und Cybersecurity Audit Guideline ISO PAS 5112
- UNECE Cybersecurity Regulations (Proposals) und ISO 24089 (Software Update engineering)
- ISO TR 4609 (published July 2020) - Road vehicles — Report on standardisation prospective for automated vehicles (RoSPAV)
- ISO TR 4804, Final (July 2020) - Safety and cybersecurity for automated driving systems – Design, verification and validation methods (main focus 1 by Erwin)
- ThreatGet – a Cybersecurity Analysis and Assessment Tool (main focus 2 by Christoph)

**DI Erwin Schoitsch**  
*(Senior Research Fellow Center for Digital Safety & Security @ AIT Austrian Institute of Technology GmbH)*



**Christoph Schmittner, MSc**  
*(Dependable Systems Engineering @ AIT Austrian Institute of Technology GmbH)*



**Registration:** Please, register until **WED, 24.09.2020** via [HEADSTART Homepage](https://www.headstart-project.eu)

[<https://www.headstart-project.eu/2020/09/07/headstart-project-together-with-fusacom-invite-you-to-a-get-together-workshop/>].

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Please bear in mind that due to the COVID-19 restrictions, face-to-face participation is only possible following successful registration.

**Questions:** If there are any questions regarding the topics of the event [fusacom@v2c2.at](mailto:fusacom@v2c2.at).

We are looking forward to an interesting evening with interesting talks and discussions on topics around cybersecurity.

**Info:** *After the event you will be able to continue the discussions and have a networking session with some refreshments and snacks in our foyer.*

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