



2nd Trilateral Conference on Connected and Automated Mobility
Zalaegerszeg, Automotive Proving Ground
22nd March 2019

<i>EVENT MOTTO: „Enabling the Cross-boarder Testing Triangle”</i>	
Time	Preliminary Program
09:30-10:00	Arrival & Registration (Reception desk)
10:00-10:30	Opening session and Plenary session (3. Conference room)
10:30-12:30	Parallel breakout-sessions: <ul style="list-style-type: none">• Legislation (10:30-12:30)• Localization (10:30-12:30)• Educational R&D cooperation (10:30-12:30)
12:30-13:30	Networking lunch (Catering area)
13:30-15:00	Parallel breakout-sessions: <ul style="list-style-type: none">• Communication, Data management (13:30-15:00)• Test sites (13:30-15:00)
15:00-15:30	Cooperation of Public Road Authorities, Announcement of the Signature of the Memorandum of Understanding Trilateral cooperation on CCAM (ASFINAG-DARS-Magyar Közút) (3. Conference room)
15:30-16:00	Summary of the parallel sessions (3. Conference room)
16:00-16:30	ZalaZONE Proving Ground construction site tour / Networking coffee break
16:30	Departure

Details of breakout-sessions (10:30-12:30):

Legislation

(National co-chairs: Dr. Andreas Eustacchio a.eustacchio@eustacchio.com, Dr. Petra Weingerl petra.weingerl@um.si, Dr. Alíz Dávid aliz.david@ceeattorneys.com)

1. Mutual acceptance of CAV testing licenses
 - 1.1. Introductory Presentations - Regulatory environment – introduction to the national regulations in the three countries
 - Definitions – def. of „developer“ , „development car“ etc.
 - Licensing standards and procedure
 - Authorities
 - Reporting
 - Consequences of infringements of legal requirements
 - 1.2. Identification of the necessary common standards, requirements and definitions
 - 1.3. Identification of the national rules might be the obstacles of the mutual acceptance
 - 1.4. Action plan and suggestions on the modifications to enable mutual acceptance
2. EU regulations, developments in Brussels
 - 2.1. Introductory Presentation
 - 2.2. Discussion on possible joint actions



Localization

(National co-chairs: Dr. Heinz Mayer Heinz.mayer@joanneum.at, Prof. Domen Mongus domen.mongus@um.si, András Csepinszky Andras.CSEPINSZKY@nng.com, Tamás Tomascsek tomaschek.tamas@kozut.hu)

- Maps supporting connected and automated driving – questions to be addressed for cross-border testing
- General requirements and current state in Austria, Slovenia and Hungary
- Trilateral cooperation for virtual testing – simulation - data availability, data ownership, interoperability
- Trilateral cooperation for real world testing - data availability, data ownership, interoperability
- Synchronization of national views on using EU Delegated Regulations 886/2013 and 962/2015 supporting connected and automated driving – regarding available content, quality and service levels
- HD, HAD map cross boarder compatibility
- New knowledge that we have to develop to cope with the introduction of digitalization in all spheres of mobility including production
- infrastructural development (e.g. Interreg) of the testing Triangle (Graz, Maribor, Zalaegerszeg)
- Road operator support on cross-boarder testing (ASFINAG, DARS, Magyar Közút)
- Long-term goal: Cross-boarder intelligent road project idea, preparation
- Prof. Domen Mongus presentation

Educational R&D cooperation

(National co-chairs: Prof. Dr. Arno Eichberger arno.eichberger@tugraz.at, Prof. Stane Božičnik stane.bozicnik@um.si, Prof. Miran Rodic miran.rodic@um.si, Dr. Zsolt Szalay zsolt.szalay@gjt.bme.hu)

- University of Maribor - Interreg cooperation proposal (Mladen Kraljić)
- TU Graz & BME – ESENSE-AD in a specific RADAR related research&innovation project proposal (Prof. Dr. Arno Eichberger)
- FH Campus Wien - Integrated Safety and Security of CAV systems (Prof. Dr. Hans Tschürtz)
- Creating a value proposal for students for student exchange among the Trilat Universities.
University of Maribor - Summer school (Prof. Miran Rodic) <https://iro.feri.um.si/en/summer-school/home>
Brainstorming about the afternoon project definitions and about the program, which is planning to hold between 8-10 July at Automotive Proving Ground Zalaegerszeg as the part of the summer school.
- CEEPUS cooperation possibilities and future plans
- Joint research under preparation -> BME quote for accessing ZalaZONE for research purposes (either with Academic or Industrial partners together)



Details of breakout-sessions (13:30 -15:00):

Communication, Data management

(National co-chairs: Mr. Gerhard Greiner gerhard.greiner@alp-lab.at, Prof. Dr. Jernej Klemenc jernejklemenc@fs.uni-lj.si, Dr. László Bokor bokorl@hit.bme.hu, Dr. Gábor Magyar magyar@tmit.bme.hu)

- How to test and validate the communication systems of connected and autonomous vehicles - especially considering cybersecurity issues
- Standardization of vehicular communication system related test processes - especially considering homologation and approval process
- Telecom cooperation for roaming testing (Magyar Telekom, Ericsson) – (KTI, Alp Lab)
- Communication systems for advanced C-ITS services and automated driving - Investigating the cooperative cross-border V2X infrastructure point of view
- Requirements and state-of-the-art in Austria, Slovenia and Hungary (based on C-ITS use-cases currently being investigated and relying on status/sensor data)
- Trilateral cooperation for addressing deployment, harmonization and cross-border testing questions of intention and coordination data based advanced C-ITS use-cases and automated driving scenarios (beyond C-ROADS/C-ROADS2)
- Trilateral cooperation for addressing Quality of Service (QoS) provisioning, reliability, mobility and network management questions of large-scale cross-border V2X infrastructures
- Trilateral cooperation for future-proof cross-border V2X infrastructures (e.g., defining common network planning and network management guidelines for ETSI ITS-G5, etc.)

Test sites

(National co-chairs: Dr. Jost Bernasch jost.bernasch@v2c2.at, Mr. Daniel Avdagic daniel.avdagic@AVLivingLab.com, Dr. András Hány andras.hany@apz.hu, Zoltán Hamar zoltan.hamar@apz.hu)

- Service portfolio different projects/countries – Mapping, Matching
- Simulation, Laboratory, Physical test environment in the trilateral test region
- Joint project definitions – ZalaZONE, ALP.Lab, Living Lab
- Common use-case definition (Multimodal testing involving all the three locations)
- Cluster networks around the three countries
- Common communication strategies

Date: 22nd March 2019, 09:30-16:30

Location: Conference building, Automotive Proving Ground (ZalaZONE), Zalaegerszeg

**The participation at the conference is subject to prior registration latest 18th March 2019.
We await your earliest response regarding your attendance on the following link: [REGISTRATION](#)**