

## PRESS RELEASE

# ENVITED research cluster elects Technical Steering Board (TSC) and publishes new education and training measures

**Stuttgart, December 3<sup>rd</sup>, 2021 – At the first cluster assembly of the ENVITED research cluster on 22 October 2021, the representatives of the member companies elected a new Technical Steering Committee (TSC). In addition, new measures for education and training were presented <sup>1</sup>.**

In mid-2020, the initiative ENVITED was transformed from a project into a long-term research cluster. This consistent step ensures the pre-competitive exchange of cluster members as well as the cooperative research and development of simulation methods for data-driven development processes of highly automated vehicles. Now, at the first ENVITED cluster assembly, a technical steering committee was elected as part of the governance structure. The first three representatives of the ENVITED TSC are Dr. Martin Benedikt (Virtual Vehicle Research GmbH), Carlo van Driesten (BMW AG) and Dr. Gunnar Gräfe (3D Mapping Solutions GmbH). The cluster assembly has also decided to expand the TSC by two additional representatives to a total of five representatives. The TSC represents the different roles of the community and monitors the activities within the cluster description.

In addition to reports on current and planned research projects and activities of the ENVITED working groups, new training and further education measures were presented.

### ENVITED Certificate Course “Simulation of Automated Vehicles”

Turning the vision of autonomous driving into reality requires a fundamental digital transformation and therefore forces engineers to

face multidimensional and interdisciplinary challenges. Computer simulation offers a key technology for handling these complex tasks and will be a game changer as a strategic element of product lifecycle. But more than ever before, agile, cross-company and cross-border digital processes are required. They place new demands on the workflow and knowledge of simulation experts.

For this reason, the ENVITED community has launched the new certificate course "Simulation of Automated Vehicles"<sup>2</sup>. The online course brings together more than 20 top simulation experts from various companies and institutions. Over a period of 10 months, a part-time format is offered that takes a holistic view of the data-driven simulation process across company boundaries. "In order to be able to apply simulation methods as a key technology, we have to leave the age of silo thinking behind us. Experts need to understand the entire process from data acquisition to validation and homologation of driving functions. Our format offers a hitherto unique range of knowledge transfer that is also geared to future processes. For example, "we also teach distributed ledger technologies, which can be a promising technology for the traceability and proof of virtual development processes.", says asc(s) managing director Alexander F. Walser.

### TEZOS Blockchain Deep Dive Deck 2.0

Also, a component of the new certification course "Simulation of Automated Vehicles" is the update of the Tezos Deep Dive deck. Like the successful first edition, the update has now been released

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The deck aims to guide experts from different fields with basic knowledge about distributed ledger technologies through a complete storyline. This includes basic blockchain concepts as well as the key features of decentralized and distributed networks to leverage open-source technologies and global expert communities to guide their work challenges. Furthermore, it presents the current state of the art and cutting-edge research, as well as the applications to transfer this knowledge to their own field of expertise.

We publish with the promise of creating experts in the field with this self-study deep dive deck and use it as a basis for the distributed ledger content for the ENVITED certificate course. The course allows you to discuss and train the content with experts in the field.

## LINKS

<sup>1</sup> <https://envited.market/press-releases>

<sup>2</sup> <https://envited.market/en/certificate-course-simulation-of-automated-vehicles>

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## New ENVITED TSC board members



Dr. Martin Benedikt | Virtual Vehicle Research GmbH



Carlo van Driesten | BMW AG



Dr. Gunnar Gräfe | 3D Mapping Solutions GmbH