Validation and Testing of Trained AI Methods

As one of its regular activities, the Tech Center a-drive organises workshops on focus topics in the domain of automated driving. This year’s workshop will bring together two of the currently most discussed topics: AI and validation and testing.

The recent advances in AI methods are paving the way for a broad application of AI methods in automated driving. This raises the question of how such systems will be validated and tested to ensure their proper fit and overall safety in future systems. For this year’s workshop we will tackle this question in a mix of overview, hands-on and in-depth presentations, bringing together international experts to discuss with you different approaches and needs for validation and testing of trained AI methods.

Workshop 07/11/2019

Registration

Online: www.conftool.net/tc-adrive-2019/
Participation fee: 160 € including food and drinks during the day.

This year’s workshop will be held in English. The number of participants is limited to 125.

Programme

9:30-9:40 Introduction of host Ulm University
9:40-10:00 Presentation Tech Center a-drive // Prof. Dr. Klaus Dietmayer, Ulm University, Representative Tech Center a-drive
10:00-10:20 Scenario-based virtual validation of AVs // Dr. Henning Lategahn (atlatec)
11:00-12:00 Quality, Labeling and Deep Learning // Andreas Gruber (CMORE)
12:00-13:00 AI Safety: Data, Algorithms, Methods // Dr. Christian Müller (DFKI)
14:00-15:00 The INTERACTION Data Set // Prof. Arnaud de La Fortelle (ParisTech)
15:00-16:00 Responsibility-Sensitive Safety Assessment // Jack Weast (Intel)
16:30-17:15 Safe AI: The next generation of German collaborative projects // Cornelia Denk (BMW)

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