

asc(s) simpulseyday: "Simulation meets reality"

impulse day

Vehicle Structure



Hanau, 12th April 2016. The automotive CAE Grand Challenge stimulates the dialog between users, scientists and software developers in order to solve challenges which prevent a "100% digital prototyping". The challenges for 2016 were determined through a web-based survey among the CAE experts of the international automotive industry in October 2015. The Automotive Simulation Center Stuttgart was the joint organizer of the SpecialSession: Comparing simulation and test – results visualization. As industrial keynote speaker Eric DeHoff from the asc(s) member Honda R&D Americas, Inc. presented industrial requirements and newest techniques in the field of visualizing crash simulation

results using photo-realistic rendering. Other speakers came from Fraunhofer IOF and SCAI, DLR Institut für Fahrzeugkonzepte, CEI and the new asc(s member SCALE.

As a continuation of the Special Session in the morning the asc(s organized a simpulseyday "Simulation meets reality" in the afternoon. Based on the forthcoming European Horizont 2020 Call "Protection of all road users in crashes" the participants from automotive OEMs, independent software vendors, engineering service providers and research organizations derived in an interactive session future challenges in the field of active and passive crash protection systems in case of autonomous and mixed traffic. As a result of the very lively discussion the participants decided further steps to develop several project ideas for a possible H2020 proposal in 2017.

The asc(s was also represented as exhibitor at the event and demonstrated its new booth concept for the first time. Visitors could get more information about asc(s activities and upcoming simpulseydays.

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