

# CERTIFICATE OF PARTICIPATION

iversity hereby certifies that **MOHAMMED ADAM ELSHARIEFSULIMAN ADAM** has participated in the following course from April 2015 to April 2015:

## Vehicle Dynamics II: Cornering

Taught by Martin Meywerk.

The single track model is derived including slip angle and Kamm's circle. Steady state cornering, stability and the influence of weight distribution between the wheels is investigated. Two mechatronic applications are explained.

### About Institute of Automotive and Powertrain Engineering

The Inst. of Automotive and Powertrain Eng. (IFAS) is part of the Faculty of Mech. Eng. (FME) at the Helmut-Schmidt-Univ., Univ. of Federal Armed Forces, Germany. The FME are entitled to grant doctoral degrees and habilitation, the FME offers one degree B. Sc. and four degrees M. Sc. (one M. Sc. Automotive Eng.).



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