Master Thesis Allocation 2018-2019

Category	Topic	Student
MBS	Modelling the temperature influence on transmission and clutch components	Vasile Solcan
MBS/ Perf&Consumption	Hybrid-powertrains with exhaust-gas turbo-generator concepts for optimization of efficiency and performance	Marian Craciunescu
MBS	Development of a driver model for steering control	Csato Aron
Function Dev.	Development of a diagnosis function for monitoring transmission software and gearbox	Catalin Drulea
FEM	Optimization of an engine carrier for maximum energy absorption during an impact	Andrei Iacob
FEM	Optimization of a hood for pedestrian head impact	Muresan Paul
FEM	Optimization of the Porsche 911 aerodynamics for a race environment	Gagea Rares
ADAS	Development of signal processing and object recognition algorithm able to process ultrasonic sensor measurements and extract useful info for ADAS	Gabriel Simon + Clapou Vladut
CAD	Design of a high-voltage battery module	Andrei Popescu
CAD	Design of a cooling system for an electric vehicle	Maglas Raul
CAD	Design of a high-voltage battery housing	Paul Fenesan

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