

R&D Profile Form

Name of the Organisation	Ss. Cyril and Methodius University in Skopje, Faculty of Mechanical Engineering
Organisation Short Name	MFS
Organisation Type	University/Faculty
Country	Macedonia
Fields of Activity	Ground vehicles, vehicle dynamics, vehicle safety, vehicle control, vehicle design and modelling, ITS, Advanced Driver Assistance Systems
Skills and Expertise Offered	Over 40 years of experience regarding all aspects of ground vehicles. Mathematical modelling and simulation of dynamical behavior of ground vehicles in virtual surrounding using ADAMS and Matlab. Application of leading software packages concerning CFD and structural analyzes. Possibilities for parallel processing using a system with more than 20 CPU and 100 GB of RAM.
Keywords	Ground vehicles, vehicle dynamics, vehicle design and modelling, CFD and FEM analyzes, ITS, Advanced Driver Assistance Systems
Previous FP Projects Participated	Transbonus FP7
Research topic(s) of interest	Ground vehicles, vehicle dynamics, vehicle safety, vehicle control, vehicle design and modelling, ITS, Advanced Driver Assistance Systems
Contact Person	MSc. Aleksandar Kostic
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Please send filled in form by 25. 3. 2011 to: fg.tec@uni-mb.si

