

R&D Profile Form

Name of the Organisation	Institutul de Mecanica Solidelor-Institute of Solid Mechanics
Organisation Short Name	IMS
Organisation Type	Research institute
Country	Romania
Fields of Activity	Vibration mitigation and control using VZN and standard dampers
Skills and Expertise Offered	Road, rail and aerial vehicle suspension simulation and tests on the rigs and on the road and rail; VZN damper design and optimisation; Building, bridges and cables seismic protection using VZN devices
Keywords	Suspension, damper, shock absorber, stability, handling, protection, comfort, fuel consumption, simulation, rig test, road tests, design, road vehicle, rail vehicle, aerial vehicle, building, bridge, cable, seismic, earthquake, protection, vibration, bumper
Previous FP Projects Participated	NO
Research topic(s) of interest	Road, rail and aerial vehicles active, passive security and fuel economy increasing, using VZN damper concept; Buildings, bridges and cables earthquake and wind protection
Contact Person	Adrian Ioan NICULESCU
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