

Project Title: SAE Mini-Baja® 2008 – Suspension and Frame Design

Team Members:

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Area: Multi-disciplinary

Sponsored by: *IPFW Society of Automotive Engineers*

The goal of the SAE Mini-Baja® 2008 Team is to design, fabricate, and test an adaptive suspension system for the 2008 Mini-Baja® competition in Illinois. This design will incorporate a computer controlled damping system which will adjust the vehicle's dynamic characteristics and improve performance. Because computer control systems of this type have not been implemented on any previous Baja vehicles, this team hopes to introduce a highly competitive vehicle. Completion of this suspension system will require close collaboration between the mechanical and electrical facets of the project.