



Arizona/Nevada Section of SAE

October 2001 Newsletter

The Engineering Society for Advanced Mobility Land Sea Air and Space

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So Do Like the New Dodge Ram Truck?

This exciting dinner meeting will be covering the nuts and bolts of the development of Dodge's newest release. It will be a case study of the full integration of Body / Chassis Engineering, and Vehicle Development to achieve the NVH / Dynamics & Safety / Impact development targets on the variables of; extensive frame and body structure hydroforming, independent front suspension, and rack and pinion steering.



The presenter will be **Hadeer A Konja** from Jeep Truck Engineering of Detroit, Michigan. He is the Engineering Supervisor, Ram Truck Vehicle Development with 10 years of product development experience with Truck and Jeep products Vehicle Development Role in product development : Leadership role in assuring priorities are incorporated into the vehicle design and verified through a systematic product evaluation process. The following are key areas of responsibility:

1. Lead in identifying vehicle level customer requirements
2. Convert customer requirements to vehicle level objectives
3. Drive customer requirements into design
4. Manage and lead vehicle development testing on cross-functional requirements (NVH, BSR, Impact, Vehicle Dynamics, Durability, Reliability)
5. Verify design by testing vehicle as the over-critical customer

This will be held at **Earnhardt's Dodge**, the world's largest Dodge dealer (they would be willing to sell you one after the meeting). We will have light snacks and refreshments availed.

DATE	TIMES	LOCATION	COSTS
Thursday December 6th	Social Period Presentation	5:00 PM 7:00 PM	Earnhardt's Dodge (Gilbert) 1301 N. Arizona Ave (s. of US60)
			Students Members Guests
			Free \$5 \$7

CALL AT LINK-WEST (480) 926-0414 FOR RESERVATIONS
PLEASE MAKE YOUR RESERVATIONS NO LATER THAN 2 P.M. ON DECEMBER 3rd
WE CANNOT ACCEPT RESERVATIONS AFTER THIS DATE!!

Upcoming Schedule for Section

This year got off to a slow start, but we plan to more than make up for that with the upcoming activates planned for this year. Everything in November is firmed up, the remainder of the year is the exciting events that we will be confirming in future newsletters:

- December 6 (Thursday) – Meeting on new Dodge Ram truck (Mesa, AZ)
- February 3 (Sunday) – Tour of Daimler Chrysler Proving Grounds in Wittman, AZ.
- March 21 (Thursday) – Thorppe unmanned reconnaissance vehicles / demo (Mesa, AZ)
- April 18 (Thursday) – Honeywell flight safety (Tempe, AZ)
- April 4 (Thursday) – Meeting on the new Ford Expedition/Navigator (Tempe, AZ)
- May 16 (Thursday) – Honors Banquet (Phoenix, AZ)