

2008 VR&D Design Optimization Users' Conference

April 27, Sunday

12:30 PM Wine tasting trip (Meet in lobby of the Portola Plaza Hotel - Bus departs at 12:45 sharp)

6:00 - 7:30 PM Welcome reception and registration for all the attendees and accompanying persons

April 28, Monday

7:30 AM **REGISTRATION / CONTINENTAL BREAKFAST / SPOUSE BREAKFAST**

8:30 AM Welcome Gary Vanderplaats, VR&D

8:45 AM Conference Kick-off Juan-Pablo Lieva, VR&D

9:00 AM **KEYNOTE ADDRESS:**

Early Concept Automotive Development Process - A Synthesis and Multidicipline Approach
Simon Xu, General Motors

10:00 AM **BREAK**

10:30 AM The Use of Structural Optimization Tools in Body Engineering at Chrysler LLC
Axel Vollmer, Mercedes Benz Technology Group

11:00 AM Optimization of a Car Body Ranga Chakravarty, General Motors

11:30 AM Body-in-White Optimization - A Holistic Approach Srinivisan Laxman, Severstal N.A.

12:00 NOON **LUNCH BREAK - Lower Atrium**

1:30 PM A Comparison of Rocket Nozzle Optimization Methods Anthony Brinkley, Sierra Engineering

2:00 PM Embedded Optimization Results for Notional Liquid Rocket Engine System Tool
Anthony Brinkley, Sierra Engineering

2:30 PM Decomposition-based Design Optimization Michael Kokkolaras, Univ. of Michigan

3:00 PM **BREAK**

3:30 PM Simulation Based Design. Does CAD really drive design? Reza Sadeghi, MSC

4:00 PM Gradient Based Optimization Algorithms: Status and Plans Gary Vanderplaats, VR&D

4:30 PM **END OF DAY 1**

5:30 PM **BANQUET DINNER: *Gilbert's Seafood & Upper Deck Event Facility* Sponsored by: DI Square** #30 Old Fisherman's Wharf, Monterey, CA 831-375-3124

5:30 - 6:30 PM Drinks

6:30 PM Banquet Dinner for all the attendees and accompanying guests

April 29, Tuesday

7:30 AM	CONTINENTAL BREAKFAST	
8:30 AM	KEYNOTE ADDRESS:	
	CAE: Helping Bridge the Traditional Gap between Design and Manufacturing	Lisa Novelli, National Composites Center
9:30 AM	The Use of GENESIS Optimization Techniques for the Performance Improvement of Formula 1 Cars	Martin Gambling, GRM Consulting
10:00 AM	BREAK	
10:30 AM	GENESIS Composite Optimization using Composite Design Data in CATIA V5	DI-Square
11:00 AM	GENESIS New Features in v.10.0	GENESIS Development Team
11:30 AM	Design Studio New Features in v10.0	GENESIS Development Team
12:00 NOON	LUNCH BREAK - Lower Atrium	
1:30 PM	Using the VisualDOC API and Coupling a 3rd Party Application	John Garcelon, Consultant
2:00 PM	VisualDOC new features in v.6.1 beta	VisualDOC Development Team
2:30 PM	D-SPEX – an advanced postprocessor for optimization and stochastic investigations	Martin Liebscher, Dynamore
3:00 PM	BREAK	
3:30 PM	Dynamic Balancing of Gimbaled Sensor Platforms	Ill-Min Kim, Samsung Thales, Soul Korea
4:00 PM	VR&D Educational Training & Initiatives	
4:30 PM	USER MEETING ENDS	