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**Domain Training Series by Renowned Vehicle Dynamics Expert Dr. Thomas Gillespie hosted by EASi**

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Bangalore, India – March 11<sup>th</sup>, 2010: EASi ([www.easi.com](http://www.easi.com)) hosted a 3-day technical training session in partnership with ARAI, taught by Dr. Thomas Gillespie from Mechanical Simulation Corporation. Attendees from various industry segments including Automotive, Aerospace, Heavy Equipment, Light Industrial, and others were present.

Knowledge training highlights:

- ✍ The training session addressed vehicle dynamics performance and the mechanics of each of the major systems on automobiles, trucks, and motorcycles
- ✍ The audience was able to see the tools in use to calculate and predict the performance of a car or truck in accelerating/braking, ride, and handling/rollover
- ✍ An explanation was given about state-of-the-art in virtual and hardware validation processes
- ✍ Covered topics included economics of virtual product development, system definition for performance, software-in-the-loop (SIL), hardware-in-the-loop (HIL), and man-in-the-loop (MIL) using vehicle dynamics simulation models



Specific topics provided to attendees included:

- ✍ Prediction of performance of a given design early in the design process
- ✍ Identification of the conflicts in designing for optimal performance in different modes
- ✍ Setting directions for design changes that will improve performance of a given mode

**About EASi**

Founded in 1981, EASi is a global engineering firm that services the US, UK, Germany, Japan and India markets. We are a trusted global engineering partner to our customers. We enable our customers realize varied benefits of globalization using our global engineering expertise, best-in-class recruiting capabilities and knowledge management framework. For more information visit <http://www.easi.com> or send an email to [info@easi.com](mailto:info@easi.com).

**About the Speaker: Dr. Thomas D Gillespie**

Dr. Gillespie is a Research Professor Emeritus at the University of Michigan. He has 30-year career as a researcher at the University Of Michigan Transportation Research Institute (UMTRI) where his research focused on vehicle dynamics, road roughness, tire uniformity, tire-roadway interaction and simulation of these phenomena. In conjunction with this, he was a co-founder of Mechanical Simulation Corporation - the producer of CarSim, TruckSim and BikeSim vehicle dynamics software.

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