

MOBILITY CONGRESS

Globalization is pushing auto majors to consolidate, upgrade technology, enlarge product range, access new markets and cut costs. They have resorted to common platforms, modular assemblies and systems integration of component suppliers and e-commerce.

The component industry is undergoing vertical integration resulting into emergence of systems and assembly suppliers rather than individual component suppliers

Environmental and safety concerns are leading to higher safety and emission norms. To meet the concomitant testing and certification activities relating to higher safety and emission norms, testing infrastructure is being overhauled.

Environmental pollution and the need to conserve existing supply of fossil fuels have led to search for alternative fuels.

It is with this background that SAEINDIA in association with SAE International and FISITA organized the 5th International Mobility Conference on Emerging Automotive Technologies-Global & Indian Perspective on 9th, 10th, & 11th January 2008.

The conference focused on key technology issues relevant to mobility engineering such as safety, Design, Information Technology, Electronics, Fuels & Environment. A strong national & international level participation comprising engineers, designers & scientists from OEM, component industry, R&D organizations & the student community was witnessed.

Topics

Papers on emerging technologies in the following areas were presented

- Body Design
- Engine & Transmission
- Chassis System (Brakes, Suspension & Steering)
- Automobile Electronics & In-Car information
- Fuels & Lubricants
- Emission Control Technologies
- Vehicle Dynamics
- CAD, CAE & Simulation
- Vehicle Testing
- Alternative Fuels

- Safety