

# The 15<sup>th</sup> Asia Pacific Automotive Engineering Conference

October 26-28, 2009

Hanoi Daewoo Hotel

Hanoi, Vietnam

Safety, Environment and New Technology for future Automobile

Call for Papers  
[www.apac15.vn](http://www.apac15.vn)

## Congress Topic

- ❑ Driver/vehicle interface, information and assistance system
- ❑ Powertrain Technology
- ❑ Vehicle safety
- ❑ Vehicle Design & Manufacturing
- ❑ Chassis development for passenger cars, trucks and buses
- ❑ Body design for passenger cars, trucks and buses
- ❑ Environment
- ❑ Electronics
- ❑ Testing & Simulation



APAC supporting societies

Patronage:



Organizer



# Welcome to APAC 15



Prof. Dr. Banh Tien Long  
Congress Chairman



Dr. Do Huu Hao  
Co - Chairman

## Dear members of the automotive society

The Vietnamese Society of Automotive Engineers is proud to host the 15th Asia Pacific Automotive Engineering Conference in Hanoi-Vietnam, 26-28 October 2009. APAC 15 will focus on solutions for sustainable mobility concepts for people and goods in all areas of passenger car, truck and bus, transportation as part of total mobility concepts. Emphasis will be placed on the development of future powertrain systems, conservation of the environment and energy resources as well as new vehicle concepts, materials, electronics and essential improvements in vehicle safety. Special attention will be devoted to the product creation process including virtual reality techniques, simulation and testing methods.



FISITA is the international federation linking the national automotive engineering societies in 39 countries. FISITA was founded in 1948 as a neutral forum for the exchange of technical knowledge on every aspect of vehicle design, development and manufacture. FISITA is a non-profit organisation committed to helping create efficient, affordable, safe and sustainable automotive transportation. [www.fisita.com](http://www.fisita.com)

## FISITA Patronage

## Conference Highlights

- Plenary Sessions
- Technical Sessions
- Technical Visits
- Reception and Ceremonies
- Social Events and Tours
- Exhibition

## Requirements for Paper Abstracts:

200 - 300 Words

Paper Title

Subject Area

Author's Name

Author's Affiliation

Contact Address

Telephone Number

Fax Number

Email

## Important Dates

Deadline for abstract submission:	Mar. 20,2009
Selection by local societies:	Apr. 20,2009
Notification of Acceptance:	May. 20,2009
Approval by VSAE & Organizing:	Jun. 20,2009
Deadline for final manuscript:	Aug. 20,2009

## Student Program

We invite every APAC members to nominate two young engineers or two students, who now must be full-time students of university, college, junior college, academy or technical college, or postgraduate students of automotive field and must be under 35 years old to attend student program.



## Media sponsors

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## Congress Topic

### ● Track 1: Driver/vehicle interface, information and assistance system

- ❑ Driver assistance & Information
- ❑ Noise & Vibration
- ❑ Human acceptance of driver assistance systems
- ❑ Human and information systems in automobiles
- ❑ Transmission Systems

### ● Track 2: Powertrain Technology:

- ❑ Engine Design
- ❑ Hybrid and Electric Power System
- ❑ Future powertrain solutions
- ❑ Strategy and engines for future fuels
- ❑ Innovative engine and transmission systems

### ● Track 3: Vehicle safety

- ❑ Accident analysis: Methodology and analysis tools; Assessment and analysis for accident causation; Effectiveness of safety measures.
- ❑ Driver assistance: Accident avoidance
- ❑ Advanced safety systems  
Preventive safety systems: Pre-Crash; Integrated safety
- ❑ Occupant and partner protection  
Advanced occupant protection in all accident modes; Pedestrian protection.
- ❑ Personal/Public/Freight Transportation
- ❑ Vehicle security and Occupant safety

### ● Track 4: Vehicle Design and Manufacturing

- ❑ Body Structures
- ❑ Aerodynamics
- ❑ Advanced Materials
- ❑ Sustainable Development and Recycling
- ❑ Manufacturing Systems
- ❑ International standardisation
- ❑ Production solutions
- ❑ Diagnosis, service and recycling

### ● Track 5: Chassis development for passenger cars, trucks and buses

- ❑ Vehicle dynamics including driver assistance
- ❑ Chassis system integration
- ❑ Suspension parameter control
- ❑ Comfort assessment and improvement
- ❑ Suspension systems for trucks and buses
- ❑ Vehicle Ride and Handling.
- ❑ Intelligent Safety Systems

### ● Track 6: Body design for passenger cars, trucks and buses

- ❑ Product development methods
- ❑ Modularisation
- ❑ Weight reduction
- ❑ Design
- ❑ Production
- ❑ Comfort and convenience

### ● Track 7: Environment

- ❑ Fuel and CO2 efficient powertrains
- ❑ Strategy for future ultra low exhaust emission limits
- ❑ Advanced fuel efficient and cost effective hybrid systems
- ❑ Fuel cell progress
- ❑ Fuel resources (Biotuels, Alternative fuel, CNG, synfuel Hydrogen)

### ● Track 8: Electronics

- ❑ Electronics for powertrain, chassis driver assistance
- ❑ Energy management
- ❑ International standardization

### Track 9: Testing & Simulation

- ❑ Vehicle energy management, incl. hybrid
- ❑ Testing facilities for driver assistant systems
- ❑ Special applications and future topics

## Vietnam Autopetro 2009

AutoPetro 2009 will be organized in Hanoi from 27th to 30th October, 2009



# Organization

## List of Congress Organising Committee (OC)

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Head of OC  
Vice Minister of Ministry of Industry and Trade

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**Dr. Nguyen Thanh Quang**  
General Director of Mekong Auto Cooperation, Vietnam

**Ass.Prof.Dr.Du Quoc Thinh**  
Hanoi University of Technology, Vietnam

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Head of STC  
Vice Minister of Ministry of Education and Training

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Head of Automobile Department of Le Quy Don University, Vietnam

**Ass.Prof. Dr. Do Van Dung**  
Dean of Automobile Department of Thu Duc University, HCM, Vietnam

## Keynote speech

Keynote speech will be done by:

Order No.	SAE-
1	FISITA
2	Australasia
3	Korea
4	China
5	Japan
6	International
7	Vietnam

## Guest Tour



Tour1: Half day city tour



Tour4: One-day tour to Halong bay



Tour3: One-day tour to Huong Pagoda

## Vietnamese Society of Automotive Engineers - VSAE

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