

12th EAEC European
Automotive Congress
Bratislava



June 29 to July 1, 2009

Bratislava, Slovakia

Europe In The Second Century Of Auto-Mobility

First Announcement and Call for papers



ORGANIZED BY



www.fisita.com



www.eaec.net



www.saits.bts.sk



www.intenziva.sk

*Dear Colleagues,
The Slovak Society of Automotive Engineers (SAITS) is proud to host the 12th EAEC European Automotive Congress 2009, that takes place in the days of 29th June – 1st July 2009 in Bratislava.*

The biennial EAEC Congresses provide excellent opportunities for automotive experts to present the latest results and to exchange information in the field of the automotive and related industries.

EAEC 2009 in comparison with EAEC 2001 Bratislava will be focused on:

- contribution of the automotive production in "new" areas of European space and continental competitiveness
- excellent papers with high-quality information inclusive the professional development of automotive engineers in all areas of Europe in the decade analyses of trends and development by production, processes, products human tailored education and roles in 2000 – 2020.

The Slovak Society of Automotive Engineers cordially invites all of the worldwide automotive society on the

- 12th EAEC Automotive Congress 2009, taking place in Bratislava, from June 29 to July 1, 2009
- ASCEE '2009 (Automotive Suppliers Central European Exhibition), an accompanying Exhibition that will be held during the Congress.

The meeting of FISITA Council is arranged at the same time.

OBJECTIVE OF THE CONGRESS

- to create the opportunity on a convention of managers, researchers, scientists, developers, automobile production and operation specialists on the highest level
- to introduce the modules, systems and components
- to present the producer and supplier plants in the automotive area
- to emphasize the ongoing processes of manufacture growth and use of road vehicles chiefly in Central Europe.

TARGET GROUP

- managers and specialists of car manufacturers, suppliers, logistical and freight companies
- specialists of science, research and development from automotive areas
- representatives of international organizations from the automotive areas and public administration.



MAIN TOPICS

TOPIC P „POWERTRAIN EFFICIENCY“

1 Powertrain Performance

- New Combustion Engines
- New Transmissions
- Combustion and Emissions
- Exhaust Gas After-treatment
- Catalytic Converters
- Fuel Cells
- Conventional & Alternative Powertrain Concepts
- Powertrain Management

2 Fuels & Lubricants

- Conventional Fuels
- Alternative Fuels
- CNG, LPG, Hydrogen
- Tribology and Lubricants
- Role of Oil Industry
- Awaited standards, directives

3 Noise and Vibration

- Noise Analysis and Reduction
- Intake and Exhaust Noise
- Interior and exterior Noise
- Future Demands
- Awaited standards, directives

TOPIC V „VEHICLE FOR THE NEXT DECADE“

1 Passenger Cars

- Future Trends and Concepts
- Vehicle Aerodynamics
- Lightweight Design
- Car after 2015

2 Busses and Trucks

- Concepts for better Performance and Economy

- Climate Control
- Tyre – Road Interaction
- Dynamics of Trucks and Busses
- AWD, Off-road

3 New Materials

- Materials and Weight Reduction
- New Structural Concepts
- Fatigue and Durability
- Surface Treatment
- Composites and recycling



4 Vehicle Systems

- Suspension & Steering Systems
- Brake Technology, Future Systems
- X-by-Wire Systems
- Electronics and Mechantronics
- On Board Diagnostics

5 Safety

- Accident Reconstruction and Injury Analysis
- Bio-mechanics and Human Body Modelling
- Occupant and Pedestrian Protection
- Crash Worthiness and Lightweight Design

- Crash Avoidance and Post-Crash Alarming

6 Environment and Vehicle Recycling

- Standards
- Recycle Engineering
- Environment Protection
- Basic Development Trends

TOPIC T „PRODUCTION AND TRANSPORTATION SYSTEMS“

1 Production Technology

- Clean Technologies
- Flexible and Efficient Manufacturing
- Robotics – Laser Technologies
- Material Processing – Coating, Painting

2 Production Process

- Quality Management System (QMS)
- Economy MS
- Ecology MS
- R&D Co-operation Projects, Producers – Suppliers

3 Traffic Management and Logistic

- Intelligent Cars
- Intelligent Highway Systems
- Integration of Vehicle and Road-Side Intelligence
- Inter-Modal and Multi-Modal Logistics
- Transportation and Fleet Management

4 Information and Communication Systems

- Real Time Operating Systems
- Driver Status and Environmental Information
- Driver Information and Support Systems
- Communication and Navigation Systems
- On Board Measurements

5 Policy and Economy

- Society and Automobile
- EU – Policy and Role of Governments
- Harmonisation of Standards (Europe, Asia)
- Transportation Systems after 2015
- Local Regional and Continental policy

REQUIREMENTS FOR ABSTRACTS AND PAPERS

Authors are invited to present papers at EAEC Congress 2009. Please note that the abstract of the final version of your paper should not exceed more than 500 words including keywords. All margins should be set as 2,5 cm. The abstract is to written in MS Word 2000 – 2007 in English. The abstract should be include the following informations:

- Tentative title of paper
- Subject area
- Author's name
- Author's affiliation
- Contact address (postal address, e-mail, phone, fax)

Please find an Abstract template in the official Congress website www.eaec2009.com. Abstracts are to submitted on-line at the Congress website or by e-mail to saits@saits.bts.sk.



IMPORTANT DATES

Issue of the Call for papers
Abstract submission
Notification of acceptance
Full paper submission
Nomination of exhibition

April 2008
October 2008
December 2008
March 2009
from the start of January 2008

EXHIBITION

The Automotive Suppliers Central European Exhibition ASCEE 2009 will be held from 30th June to 2nd July 2009 for the first time in the Central European region. It offers in the end of successful decade for CE Countries an unique opportunity for national, international and global automotive companies to present their Modules, Systems, Components as well as Products and Services at a top level European forum.

SPONSORING

The EAEC 2009 offers many opportunities for Partnership to enhance their profile amongst the European Automotive Community.

For more details contact the Congress secretariat.

CONGRESS SECRETARIAT

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PRE-REGISTRATION & ABSTRACT SUBMISSION FORM EAEC 2009

PERSONAL DETAILS

Name	
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Accompanied by	

- I wish to
- ☐ present a paper (speaker)
 - ☐ present a poster (exhibitor)
 - ☐ participate (participant)
 - ☐ support the event (partner)

PLEASE SEND/FAX THE COMPLETED FORM TO:

Educational and Conference Centre Intenziva, Ltd. Kutlíkova 17, SK-85102,
Bratislava, Slovakia, Fax: +421 2 6828 65 74

We are proud to host 2nd time (2001, 2009) EAEC European Automotive Congress in
Bratislava – the “small big city”.

We are pleased to welcome you at EAEC 2009.



Brigadier ret. Prof. Günter Hohl
EAEC President



Ing. Ján Lešínský, PhD., Assoc. Prof.
SAITS President