



insidetrack

the newsletter of the International Federation of Automotive Engineering Societies

EAEC
Valencia

300+ engineers
take part



Braking
News!

FISITA launches
new brake meeting



APAC 16
Oct. 2011

Get ready
for Chennai!



FISITA honours Carlos Ghosn with award of 2011 FISITA Medal



FISITA has awarded its highest honour to Carlos Ghosn, Chairman and Chief Executive Officer of the Renault-Nissan Alliance.

The FISITA Medal is awarded in recognition of particularly distinguished achievement and leadership in the global automotive industry.

Mr. Ghosn received the prestigious award from FISITA President, Ted Robertson, during a ceremony at the close of the European Automotive Engineers Congress in Valencia, Spain on 16 June.

Mr. Ghosn was nominated in recognition of his approach of championing cross-cultural, cross-functional collaboration among engineers and

FISITA President, Ted Robertson (left) presents the medal to Carlos Ghosn during the special ceremony in Valencia.

Continued on page 2

FISITA honours Carlos Ghosn with award of 2011 FISITA Medal

Continued from page 1

“One of the greatest honours one can aspire to is to be singled out as a leader in innovation and sustainability.”

Charles Ghosn

Chairman and Chief Executive Officer of the Renault-Nissan Alliance



Right
Dan Hancock (right) receives the FISITA medal awarded posthumously to Dr. Jack W. Schmidt of General Motors.

Above
Struck from silver-gilt (vermeil), the Medal is FISITA's highest honour.

executives throughout the Renault-Nissan Alliance, and for his leadership in bringing zero-emissions vehicle technology to the mass market.

Presenting the medal on behalf of the world-wide community of automotive engineers, FISITA President, Mr. Robertson, described Mr. Ghosn as ‘an inspiration to the thousands of engineers and executives all over the world who are constantly seeking ways to understand each other better and to work together more productively in order to turn difficult technical challenges into innovative solutions to serve our companies, our customers and our society itself’.

‘FISITA’s mission has always been to encourage engineers to cooperate with each other across countries, across continents, and across the divides of culture and language. Mr. Ghosn has done more than any other single leader in the automotive world to promote and empower this cooperation, every day, within the companies he leads.’

Accepting the medal, Mr. Ghosn said: ‘One of the greatest honours one can aspire to is to be singled out as a leader in innovation and sustainability. The Renault-Nissan Alliance shares these two values and promotes them with its 350,000 employees world-wide, which is why I also accept this honour on their behalf.’

FISITA also made a rare posthumous award of the FISITA Medal to the late Dr. Jack W. Schmidt, former head of engineering at GM Powertrain and a Past President of FISITA. Dan Hancock, GM’s Vice President for Global Strategic Product Alliances and a close friend and colleague of Dr. Schmidt, received the medal on behalf of the Schmidt family.

Previous FISITA Medal winners include: Giovanni Agnelli, Hans List, Francois Michelin, and Shoichiro Toyoda.

2nd European Workshop Telematics For Automotive 'A Pan European Emergency Assistance: eCall'



The second of ATA's events on Telematics for Automotive will focus on eCall. The Telematics traditionally used to satisfy user needs related to the navigation, infotainment and connectivity will be seen from a different perspective as they are deployed to facilitate improve safety.

A pan European eCall system will act as an assistant in case of an accident alerting the emergency services, by providing them with fundamental information such as vehicle position and severity of impact, with the aim of reducing response times and improving accident outcomes.

Expert speakers from the Telematics and eCall chains will address topics related to regulations and standards, infrastructure and services, components and receivers.

The automotive experience will be represented by car manufacturers, leading to discussion the discussion of the state-of-the-art and future scenarios based on the integration into the vehicle of the emergency call head unit.

2nd European Workshop Telematics For Automotive
Centro Ricerche Fiat
Turin, Italy

15 November 2011

For more information visit
www.ata.it

An electric van, a drowsiness detection system and a rotating forge win top honours at STA's Barcelona Motorshow Awards



Applus+IDIADA's innovative electric van

During this year's International Barcelona Motorshow on 13 May, STA held the 8th edition of its awards, recognising the best technological innovation in automotive sector, with more than one hundred attendees.

The three winning projects, chosen from 35 entries, were:

Complete Vehicle

Electric van for urban use, designed by Applus+IDIADA

Systems and Components

System for detecting driver sleepiness by means of a respiration analysis, from FICOSA

Technologies, Processes and Materials

Rotating forge that saves materials and reduces CO₂ emissions in the manufacture of parts, especially hubcaps, developed by Denn-Tecnalia.

The awards are organised by STA, the Spanish Society of Automotive Engineers and Fira Barcelona, and are growing in importance and recognition every year. Their purpose is to support and recognise the economic and technological effort of companies working within the automotive sector.

The awards were presented by Mr. Salvador Servià, President of Catalonia Circuit, Mr. Enric Clotet, General Manager of Company and Employment Counseling.

News in brief

Italy

ATA is organising the 12th International Conference FLORENCE ATA 2011 – 'Electric and hybrid Mobility: which market scenario for the future?' 22–23 September, 2011
www.ata.it

India

SAEINDIA is launching a new on-line mentoring service for members called 'ASK US'. The service is available from 15 August.
www.saeindia.org

FISITA launches new, improved web site for members

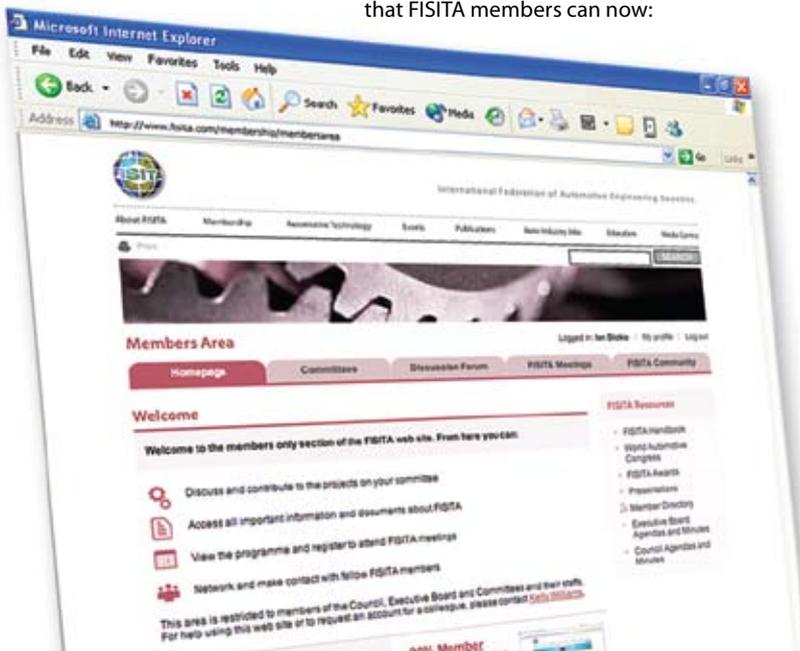
FISITA has created a new area of its web site which has been designed to make participation in FISITA easier and more efficient.

The new site combines elements from collaborative project management and social networking tools so that FISITA members can now:

- Discuss and contribute to projects committees are working on
- View the programme and register to attend FISITA Council & Board Meetings
- Network and make contact with fellow FISITA members
- Start and contribute to discussions on any topic
- Share photos
- Access all important information and documents about FISITA

Members of the FISITA Council, Executive Board, Committees and their staffs have personal profiles on the new site, which they can update and expand at any time.

The Members Area can be accessed through the www.fisita.com web site by clicking on the link which can be found under Membership. Committee Chairs and FISITA staff will be using the site as the main platform for discussion, communication and decision-making on Committee projects between meetings, so please contribute your views when invited, and please check back regularly for updates!



IATO initiative gives Indonesian university a good grounding in student formula



Speakers from IATO along with the Academic Staff from UGM

On 9 May, IATO, in collaboration with the University of Gajah Mada (UGM), conducted a Studium Generale, titled 'The Indonesian Automotive Industry'. The event is part of IATO's support for the preparation UGM's team which will compete in the JSAE Student Formula Competition to be held in Shizouka, Japan on September 2011.

The Studium Generale comprised of 3 main presentations:

- 1 National Automotive Competitions for Students
- 2 The Current Situation of the National Automotive Industry
- 3 Automotive Product Development

The presentations were given by board members of IATO, including the President of SAE-Indonesia, Mr. Gunadi Sindhuwinata. IATO also collaborated with the Motor Sport Federation of Indonesia to provide a technical workshop to help the students in optimise the fabrication of their vehicle and comply with the standards for competition in global student formula events.

More than 120 students and academic staff of the University took part and IATO is now planning to conduct future seminars in other Universities throughout Indonesia.



More than 300 engineers made Valencia the European automotive capital this summer



Spanish FISITA member, STA, were the successful hosts of the 13th European Automotive Congress held at the Universitat Politècnica de València from 14-16 June which brought together engineers and experts to share the latest news and innovations that are driving the European auto sector.

The Welcome Ceremony was held in the city's historic Exposition Palace on the evening of 13 June, where civic leaders welcomed the delegates,

exhibitors and accompanying persons in typical Spanish style.

On the following day, important representatives of the Spanish Government and Valencian industry joined the President of STA in the Opening Ceremony. It was the beginning of three days in which more than 300 professionals and experts from the world's leading companies and universities exchanged knowledge and opinions on the future of automotive technology. Attendees came from all over Europe and even from Asia, America and Australia.

The congress dinner was held at the Mar de Bamboo Restaurant, located at the port of Valencia in the emblematic building Veles e Vents, on 15 June. The exhibition of classical cars and the jazz band helped to create a memorable evening, with amazing views of the Mediterranean sea.

Technical papers and complete proceedings of EAEC 2011 are available from FISITA's online bookstore:
www.fisita.com/bookstore

Technical Presentations at EAEC 2011	
Powertrain & Green Technologies	57 papers
New Control Systems & Materials	17 papers
Vehicle Dynamics and Safety & Human Factors	30 papers
Manufacturing & Process Innovation	17 papers

Top
 STA President, Dr. Rafael Boronat, addresses the congress

APAC 16 'Sustainable Technologies for Safe & Smart Mobility'

6-8 October 2011, Chennai, India



Sustainable Technologies for Safe & Smart Mobility

One of the highlights of the automotive year will surely be the 16th Asia Pacific Automotive Engineering Conference (APAC 16) hosted by SAEINDIA at the Chennai Trade Centre in October.

160 papers will be presented in 5 parallel technical sessions with experts from Industry and academia acting as moderators.

This is the first time India has played host to the APAC meeting and strong support is coming from every section of the country's mighty auto industry with sponsors including TVS Group, Ashok Leyland, Ford India, Cummins India, Continental India,

Mahindra Systech, AVL India, Eaton Corporation, SRM University, John Deere, Delphi Auto Syst, Michelin Tyres, Mahindra Auto, ETAS India, Sigma Vibrocotic etc.

45 exhibitors are already confirmed including testing houses, research centres, CAD/CAM service providers and auto component manufacturers.

The conference is a must-attend event for engineers and executives seeking a better understanding of and contacts in India, a country whose domestic market is growing at an extraordinary rate and which is fast becoming a major export hub, especially for small cars and auto components.

More information:
www.apac16.org

Dr. Ludwig Vollrath (right) presents out-going EAEC President, Brig. Gunter Hohl, with a gift of a miniature Stirling Engine.



Handover of EAEC Presidency

EAEC President, Brig. Gunter Hohl, retired from his position at the close of the EAEC 2011 Congress in Valencia.

Brig. Hohl had served as EAEC President, and as a member of the FISITA board, for six years. Speaking during the Congress, FISITA President, Ted Robertson, paid tribute to Brig. Hohl's contribution to the automotive community:

'Gunter has supported and encouraged many new engineering societies in the emerging economies in Europe and he has been a tireless ambassador for FISITA and the values our federation stands for'.

He is succeeded as EAEC President by Dr. Ludwig Vollrath, Secretary of the German VDI e.V. / FVT.

KSAE Baja 2011 17-19 August



This year's KSAE Baja event, taking place at the Saemangeum Gunsan Motor Racecourse in the Korean seaport of Gunsan City from 17-19 August, is expected the biggest yet with 135 teams and more than 1,300 participants registered.

First organised in 2007, the KSAE Baja event now includes three competitions:

- Off-road type Racing
 - Acceleration and Endurance
- On-road type Racing
 - Student Formula (new for this year)
- Technology
 - Ideas and Design

Students and visitors will also be entertained by Hyundai Motor Company car racing, a Professor's

driving match, student UCC competition and many other interesting activities.

The winning team receives the KSAE Grand Prix trophy plus \$4,000. Overall the total prize money up for grabs is \$25,000.

Good luck to all the teams!

More information:
<http://jajak.ksae.org>

FISITA announces EuroBrake 2012

the major new congress & exhibition for Europe's brake experts

Braking systems are among the most critically important and technically challenging aspects of any vehicle. Today, engineers and scientists in the braking field are facing more intense pressure from customers and clients than ever before. This is because efficient braking has such a crucial part to play in improving safety whilst also helping to conserve energy and reduce harmful emissions – the top three priorities for the transport industry in the 21st century.

At the same time, today's discerning drivers demand ever greater levels of driving enjoyment, comfort and refinement from their vehicles. Here again, braking is vital to satisfying customer expectations in the fiercely competitive automotive markets. Likewise in rail and aerospace vehicles, and in general industrial applications, safe and energy-efficient braking systems are of vital importance.

The world-wide braking community can only meet these challenges through innovative new technologies ranging from raw materials through to advanced electronics. But to succeed, solutions must be practical, efficient and affordable. This calls for even greater collaboration and knowledge sharing among the world's braking experts from every sector including passenger cars, commercial vehicles, rail, aerospace and industrial applications. For this reason, FISITA has teamed up with VDI and leading braking experts from around the world to establish EuroBrake, a 2 1/2 day conference and exhibition dedicated to braking technologies. The first EuroBrake will take place in the beautiful city of Dresden in Germany from 16–18 April 2012.

EuroBrake 2012 Topics

- Braking Components and Systems
- Friction Materials
- Thermal Effects
- Interface Friction Dynamics
- Noise Vibration Harshness – NVH
- Advanced Braking Technologies
- Global Sourcing
- Quality Control and Specifications
- Future User Requirements
- Testing and Measurement
- Modelling and Simulation



EuroBrake 2012 Key Dates

Monday 5 September 2011
Deadline for abstract submission

Monday 7 November 2011
Deadline for review-ready papers

Monday 16 January 2012
Deadline for final papers

For more information about presenting a paper, exhibiting or attending:

www.eurobrake.net

23rd International AVL Conference: 'Engine & Environment' Mastering Powertrain Diversity



The conference will deal with the automotive industry's current trend towards an ever increasing variety of different products and technologies.

Can the enormous diversity of powertrain technologies continue to be managed with reasonable effort?

More information:

8–9 September, 2011
Helmut-List-Halle
Graz, Austria

E-mail: event@avl.com

Tel: +43 316 787 927

www.avl.com/engine_environment



Automotive Encyclopedia Editors Confirmed

FISITA's joint venture with leading publishers, John Wiley, to create the world's first comprehensive Encyclopedia of Automotive Engineering is up to speed, with all the key editorial positions now filled and commissioning underway.



Executive Editor-in-Chief David Crolla, from the University of Leeds, UK.

Editors

Executive Editor-in-Chief

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University of Leeds, UK

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Part 8: Materials And Manufacturing

Richard Dashwood
WMG, University of Warwick, Coventry, UK

Part 9: Telematics

Fritz Busch
Technische Universität München, Germany
Horst Wieker
Hochschule für Technik und Wirtschaft des Saarlandes, Saarbrücken, Germany

Encyclopedia of
automotive engineering

You can stay up to date with the Encyclopedia project (and even volunteer to contribute) via the dedicated web site:

www.automotive-reference.com

SIA thanks three of its most dedicated members



Left to right Daniel Pfrimmer (SIA Director General), Hector Fratty, Dominique Lhotellier, Vincent Soullignac, Pierre Gosset (SIA President)

French society, SIA, has honoured three of its most active members by presenting them with the society's Medal of Gratitude.

The society recognised Hector Fratty (Valeo), Dominique Lhotellier (Renault) and Vincent Soullignac (PSA) in recognition of their dedication to

SIA over many years and the important work they have done to enable the society to shine through its many successful conferences and technical events.

The awards were presented at the society's General Assembly in May 2011 by SIA President, Pierre Gosset.

5 minutes with Nilton Monteiro



Name

Nilton Monteiro

Role

Executive Director

Location

Sao Paulo, Brazil

When did you first become interested in automotive engineering?

I graduated in Physics in 1973 and had started my post-graduate studies in the Physics Institute in the University of Sao Paulo when I've received a proposal to work for Ford Motor Company in their research centre laboratories in Brazil, in 1974. I changed my post-graduate studies to Engineering and since that time I have worked with automobiles in the research area. My last position in Ford was a Plant Manager for the Ford Proving Grounds in South America-Brazil, from 2001 to 2009. During my career I've had the opportunity to work in several Ford plants in England, Germany and the USA where I lived for two years, developing specific passenger cars for South America.

What ambitions do you have for AEA?

To firstly strengthen and re-organise the internal structure of the society and then to foster AEA members in partnership with international organisations like FISITA. Recently we have nominated one of our AEA directors as international relations director to have closer ties with FISITA members and the related seminars and conferences, and other activities.

What is the most important challenge faced by AEA?

Besides increasing the current local and international partnerships, we understand that to face the strong worldwide competition and to prepare the Brazilian Engineering to that coming reality, we need also a very effective cooperation with the universities in order to attract young engineers to the automotive market. AEA is working with the best Universities in Brazil, and with other institutes, private and state and federal government, to create student programmes. We expect an increase of 4m vehicles produced today in Brazil to 7m in 2017, serving domestic and foreign markets. To have this production with high quality, safety standards must be achieved, emissions regulations for all those markets are mandatory, and traffic and transport solutions, mainly for local increase of vehicles in big cities, are absolutely mandatory too. Our President, Mr Franco Ciranni, and myself are preparing AEA to follow this evolution, helping to expedite the introduction of new technologies, choosing the associates and partners to help us in this achievement, and speeding up the contacts with authorities to release the new processes.

What do you like about working in Brazil

Brazil's automotive market today is among the six biggest in the world. We need to create the skilled professionals and processes ready for this new challenge and providing the resources and assets to support this.

What do you do when you are not working at AEA?

First I support my family. When I have time, I like to play guitar, read technical and scientific books, and watch music performances of classic music, jazz and Brazilian 'bossa nova'.

If you could drive any car in the world, what would it be?

I would drive a car with close to zero emissions in better traffic, enjoying the drive! In Brazil we have a successful flex fuel program with cars powered by gasoline and ethanol with any mixture. All my cars run with ethanol, presenting much lower emissions than gasoline, but living in a huge city like Sao Paulo, we need more progress on emissions and on traffic.

FISITA
2012

World Automotive Congress
27-30 November, Beijing, China

**Don't forget to submit your abstract
for the 2012 FISITA World Automotive Congress
in Beijing!**

Submit on-line at
www.fisita2012.com before 30 November 2011



FISITA VP Education, Daniela Hein and her 300SE coupé



I ♥ MY CAR

What is she?

She is a Mercedes-Benz 300SE coupé (also known as W112) built in 1965 and fitted with the M189 three litre big-block six-cylinder engine with 170 hp. This leads to a top speed of 190 km/h. At that time they were also produced as a cabriolet and sedan, usually with an automatic transmission, but she has got the optional 4 speed manual transmission which still shifts smoothly.

Where did you find her?

When we first met her she belonged to my husband's uncle and his friend. A couple of years ago he told us that he wanted to sell her because he thought that he did not have the time anymore to take care of her. But as she was more or less part of the family she had to stay. Therefore we decided to get her.

Is she rare?

She is quite rare because fewer than 2500 300 SE coupés were built. Even though Mercedes-Benz has a fantastic policy regarding spare parts – the fact that some parts of this car have only been produced for this series makes you want to cry if you need to replace something.

Have you done any restoration?

We did not have to restore a lot as she was in a pretty good condition already. We are trying to keep her in that way and are repairing and restoring single things every now and then.

What do you love most about her?

The most amazing things are features like air suspension, front and rear disc brakes, mechanical fuel injection and power steering – I did not even have power steering in my first Ford Fiesta built in 1993. This is absolutely fascinating and an example of the ability of engineers already in those days. In addition there is nothing to compare with cruising around in this car in summer time. You feel like you are driving in your living room, sitting on your sofa (well positioned in comfortable springy leather seats, no seatbelts, no headrests) surrounded by the wonderful wooden interior with the wind around your nose. You can take down the side windows completely (there is no disturbing B-column) and simply lean back and relax!

Is there anything about her that annoys you?

The one and only thing that annoys me is that she is pretty thirsty. We should have bought a gasoline station as well.

If you are in love with a car,
please tell us about it:
insidetrack@fisita.com

Third FISITA Summit will tackle mobility in the megacity



FISITA organised the first World Automotive Summit in 2009 as a means to bring together the leaders of the automotive industry with policy-makers and influential thinkers, to work on issues of major importance to the future of our industry. The first Summit discussed CO₂ reduction from road transport and led to FISITA becoming a participant in the UN Framework Convention on Climate Change. Following the 2010 event, which covered global traffic safety, FISITA became a participant in WHO's Global Road Safety Collaboration.

This year, as we celebrate 125 years of the automobile, the FISITA Summit will consider what the future holds for personal mobility itself, especially in the context of an increasingly urban, resource-constrained world. According to the UN, 3 in 5 of us will live in cities by 2030; many in so-called

'megacities' of more than 10 million inhabitants. This global shift towards an urban way of life, combined with rapid and relentless advances in information and communications technologies will have the most profound effect on why and how we move in the decades to come.

As ever, the programme reads like a who's who of the mobility world with speakers including Dr. Larry Burns, former VP of R&D at General Motors and author of *Reinventing the Automobile*; Robin Chase, car sharing pioneer and founder of BuzzCar; Eva Molnar, Head of the Transport Division of the UNECE; an Andreas Kopp, Lead Transport Economist at the World Bank.

For detailed information visit www.fisita-summit.com

FISITA World Automotive Summit 2011 Schedule

Thursday 17 November

Kick-off Session

Dipl. Ing. Christoph Huss
Organising Committee Chairman, BMW Group

Ms. Eva Molnar tbc
Director – Transport Division
United Nations Economic Commission for Europe (UNECE)

Prof. Jeff Kenworthy
The CUSP Institute, Curtin University of Technology
& Guest Professor, Goethe University

Dr. Lawrence D. Burns
Former General Motors & author of *Reinventing the Automobile*

Friday 18 November

Introductory Remarks

Moderator
Prof. Dr-Ing. Ulrich Seiffert

Plenary: Urbanisation – shaping mobility in the cities of the future

Ms. Ann Flemer
Deputy Director, Metropolitan Transportation Commission California

Prof. Luis Antonio Lindau
President & Director, CTS Brazil & EMBARQ

Prof. Noboru Harata
University of Tokyo, Dept of Urban Engineering & Transport Planning

Plenary: Driving forces behind mobility demand

Dr. Andreas Kopp
Lead Transport Economist, World Bank

Ms. Robin Chase
CEO, Buzzcar

Plenary: Overcoming the barriers to future mobility

Mr. Kalman Gyimesi
Automotive and Industrial Practice Leader, IBM Institute for Business Value

Mr. Patrick Martinoli
Head of Innovation Program, Car Services, Orange

Mr. Peter Madden tbc
Chief Executive, Forum for the Future

Panel Discussion

Moderator
Prof. Dr-Ing. Ulrich Seiffert

Workshops

Wrap-up Session

Mr. J.E. Robertson FSAE
P.Eng, FISITA President, Magna International

FISITA Recognition of Service Awards 2011



Right
Hasiholan Sidabutar receives
his Award from FISITA President
Ted Robertson

Below, left to right
Dan Hancock, Philippe Marcangeli,
Prof. Nick Vaughan, and Dr.-Ing.
Ludwig Vollrath



The FISITA Council Dinner in Valencia hosted by STA provided the perfect backdrop for the presentation of this year's Recognition of Service Awards to five individuals, each of whom has provided exemplary service and leadership to FISITA over many years.

Dan Hancock SAE International

For almost two decades of distinguished service to FISITA, including a term as President (2004–2006) and chairmanship of the Finance and Technical Committees. Dan Hancock is recognised as one of FISITA's most popular and effective leaders, steering the organisation towards greater professionalism and building links at the highest levels of the industry.

Philippe Marcangeli SIA

For his Chairmanship of the Student Congress and Travelling Fellowship for the 1998 FISITA World Congress in Paris and subsequent leadership of FISITA's Education Committee from 2002–2004, during which time he helped to establish the successful Student Travel Bursary programme. Philippe remains a dedicated and active member of the Education team to this day.

Hasiholan Sidabutar IATO (SAE) Indonesia

For nine years of service as Vice President for Asia on the FISITA board and for enhancing cooperation among FISITA's diverse member societies throughout the Asia Pacific region. Mr. Sidabutar played a major part in the organisation of IPC 1997 (International. Pacific Conference on Automotive Engineering) which was held in Indonesia for the first time in that year, and was an excellent host of the FISITA Council Meetings in Bali, creating atmosphere of great friendliness and collegiality.

Prof. Nick Vaughan IMechE

For his leadership of the Technical Committee from 2006–2008 during which a major review of FISITA's conference guidelines and technical paper quality was carried out. Today, Nick continues to give generously of his time and knowledge, serving as one of nine Associate Editors of the forthcoming Encyclopedia of Automotive Engineering which FISITA is creating in partnership with John Wiley.

Dr.-Ing. Ludwig Vollrath VDI e.V./FVT

For his Chairmanship of the Internal & External Relations Committee from 2008–2010 during which he brought a fresh perspective to the working of this committee. Dr. Vollrath also played a key role in the successful organisation of the FISITA 2008 World Congress in Munich which resulted in a lot of prestige and visibility for FISITA.

He was part of the organising team that established the FISITA World Automotive Summit, contributing to the planning of the 2009 and 2010 events and continues to serve as a member of the FISITA board in his capacity as Vice President – Europe.

France's KLC Challenge offers low-cost alternative to student formula



The Kart Low-Cost (KLC) Challenge is organised by Institut Supérieur de l'Automobile et des Transports de Nevers, France. It consists of students' one-year-project whereby a student team designs, engineers, builds and drives its own go-kart. The challenge must respect precise rules: maximum €2000 budget (excluding taxes, bodywork, tires, oil, gas) for the operational kart, four dynamic races and a design contest.

KLC aims to teach students skills in engine, frame and bodywork design, plus all the human aspects such as teamwork, respecting deadlines, working with industrial partners and backers, organising the final race and the students' working days ... and many more things!

Therefore, it's much more than just a simple go-kart race. KLC is a technological, educational and human challenge and the winner is not necessarily the

fastest! Last year, ENSEM from Casablanca (Morocco) took part in the Challenge, while the University of Pitesti (Romania) conceived a prototype and Madrid's INSIA (Spain) began designing a kart. This year the Challenge took place on 19 May at the former site of France's F1 Grand Prix at Magny-Cours and the competitors were: one team from ISAT Nevers and two teams from the University of Pitesti, Romania.

Deadlines

Registration for next year's event has two deadlines:

- 1 December: pre-registration
- 15 January: final registration

Please contact the organisers for further details:

kartlowcost@free.fr

<http://kartlowcost2011.free.fr>

www.isat.fr

More information about the Pitesti team:

www.upitmedia.ro/index.php/unctr/universitatea-din-pitesti-la-kart-low-cost-challenge.html

insidetrack

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President

Ted Robertson

Chief Executive

Ian Dickie

Please send your contributions or suggestions to:

insidetrack
FISITA
30 Percy Street
London W1T 2DB
United Kingdom

Phone: +44 (0) 20 7299 6630
Fax: +44 (0) 20 7299 6633
Email: insidetrack@fisita.com

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Contact update

Mr. Franco Ciranni has replaced Mr. José Edison Parro as President of AEA, Brazil.

Mr. Nilton Monteiro has replaced Mr. Hidemburgo Campos Jr. as Executive Director of AEA, Brazil.

Prof. Sebastian Verhelst is now Acting President of UBIA in Belgium, replacing Prof. Michel Campinne.

Mr. Raimundas Junevicius has succeeded Prof. Marijonas Bogdevicius as President of LAIS, Lithuania.

FISITA diary

4–5 October 2011

Council, Executive Board, Committees
Chennai, India

17–18 November 2011

FISITA World Automotive Summit 2011
Mainz, Germany



www.fisita.com