

International Federation of Automotive Engineering Societies



**Students and
Young Engineers**



FISITA

The International Federation of Automotive Engineering Societies (FISITA) is the world body for automotive engineers. Our members are the national automotive engineering societies in 38 countries.



Together we represent over 144,000 automotive engineers working in industry, research, academia and government, world-wide.

Founded in Paris in 1948, FISITA is a non-profit educational and scientific organisation dedicated to improving automotive transportation through technology for the benefit of mankind. We are the global voice of the profession.

Joining your National FISITA Society

If you're serious about working in the automotive industry then you should join your national automotive engineering society and be part of the FISITA network. Most FISITA societies offer low-cost, or even free membership for students in full-time education and the benefits to your career can be significant:

- take part in technical meetings, seminars, company visits etc.
- be part of a network of engineering students
- make important contacts in the industry
- get career advice
- receive technical publications
- gain access to information and library services
- be eligible for great FISITA benefits
 - bursaries of up to EUR 2,000
 - free subscriptions to *AutoTechnology* magazine
 - discounts on books and technical papers
 - participation in international events like the FISITA Student Congress and Travelling Fellowship.

Join your national FISITA society today and kick-start your career!

www.fisita.com/members

FISITA Student Congress

For more than half a century the biennial FISITA World Automotive Congress has brought the world's engineers together in a spirit of co-operation to create efficient, affordable, safe and sustainable automotive transportation.



"The Student Congress gave me the chance to apply principles learned as part of my degree and to present my results to an international audience. I would definitely recommend it to students looking to develop their interest in the auto industry."

James Devine

UK FISITA Student Congress
Participant

Alongside the main congress, FISITA organises a popular Student Congress where engineering students from all over the world meet to present and discuss papers on automotive transportation and technologies.

As a delegate to the Student Congress you can attend the Plenary Sessions of the main FISITA Congress and then take part in specially organised sessions in the afternoons, joining students from other countries to present your technical paper and discuss your work in a stimulating environment. You also have the opportunity to visit automotive plants and research facilities and to meet with some of the world's most influential engineers, designers and experts.

There is always a great social programme too!

www.fisita.com/students/congress

FISITA Travelling Fellowship

“The FISITA Travelling Fellowship was an enriching experience. It’s an excellent platform to improve your knowledge about new technologies and it might just change your career! I made many good friends, some of whom I’m still in contact with.”

Aditya Srujan

India

FISITA Travelling Fellow



FISITA 2006 Student Congress

Yokohama, Japan

22–27 October

www.fisita2006.com

FISITA 2008 Student Congress

Munich, Germany

14–19 September

www.fisita2008.com

FISITA 2010 Student Congress

Budapest, Hungary

Dates TBC

Since 1992 the FISITA Travelling Fellowship has sponsored exceptional young engineers from each of our member societies to take part in the FISITA World Automotive Congress.

The Fellowship lasts for two weeks. Week one comprises a special programme of technical and cultural visits to automotive research facilities and places of interest in the host country. Then in week two, the Fellows participate in the FISITA Congress, often presenting a technical paper.

It is a once-in-a-lifetime chance to gain an in-depth understanding of another country’s automotive industry, to take part in a major international conference and to mix with other talented young engineers from all over the world.

Over the years, hundreds of outstanding engineers have been FISITA Travelling Fellows. Many are now in top jobs in industry and research.

Participants have their travel and accommodation expenses paid by their own FISITA member society. All other costs involved in participating (tours, local transportation, meals etc) are covered by the congress organising society.

Applications to join the Travelling Fellowship must be made to your own national society (each society is responsible for selecting the candidates it sends to the programme). To be considered, you must be a member of your society and be under 35 years of age at the date of the congress.

Student Travel Bursaries

When it comes to applying the scientific knowledge learned in the lecture theatre, there is no substitute for experience: real vehicles, real people and real problems to solve.

“The experience was priceless and I still have contacts with people in the paddock. FISITA has helped me take the first steps towards a career in motor racing. Now it’s up to me to take advantage of that help and make my dreams come true.”

Desmond van der Burgt

The Netherlands
6 Month Placement
at Minardi Team, Italy



Bursary Applications

To apply for a bursary from FISITA you must:

- be studying engineering at undergraduate or postgraduate level at a recognised college or university
- arrange an industry or research placement in an automotive company or organisation overseas
- be a member of a FISITA member society

FISITA co-operates with the International Association for the Exchange of Students for Technical Experience (IAESTE) to help facilitate international internship opportunities.

Full details and application forms are on our web site.

FISITA believes that in today’s global automotive industry experience of working as an engineer in another country is especially valuable. That’s why we offer student engineers the chance to apply for travel bursaries to help with the costs of taking part in organised work placements (internships, exchange programmes etc) in automotive companies and research institutions overseas.

We have supported student members from our US society to travel to China to work for Shanghai Huizhong Automotive. We have sent Swedish students to work at Hella in Mexico; Austrian students to CD Adapco in New York; French students to Ford in the UK and Indian students to CIDAUT in Spain, to name just a few examples.

Awards of up to EUR 2,000 are available to successful candidates and the possibilities for your future career are limitless.

www.fisita.com/students/bursary
www.iaeste.org

Student Formula Competitions



Formula SAE and Formula Student are highly successful competitions organised by a growing number of FISITA member societies in which teams of university students compete to design, develop, build and race – small, formula style cars.



"We have learned more from this competition than anything else we have done. Not just engineering, but also soft-skills – like how to work with other people, how to find compromises and how to be responsible for something."

Henning Nissen

Germany
Member of Raceyard Kiel Team,
Winners of the FISITA Award
for Best Newcomer at
Formula Student Germany
2006

The teams assume that they have been engaged to produce a prototype car for evaluation. The intended market is the non-professional weekend autocross or sprint racer. As such the car must have high performance (in terms of acceleration, braking and handling characteristics). It must also be low in cost, easy to maintain, reliable and aesthetically pleasing.

FISITA recently launched the FISITA Formula SAE World Cup – a new global prize to find the ultimate student racing team from among the numerous national competitions.

These events have to be experienced to be believed. There is no more exciting way to develop your applied vehicle engineering skills and pick up valuable experience in marketing, time management, team building, budgeting and presentation. Thousands of students take part every year, with many going on to pursue successful careers in the automotive and motorsports industries.

Get Involved!

Contact your local FISITA society/faculty advisor to find out how you can join or start a team.

www.fisita.com/formula

Information Services

FISITA offers you a number of publications and web-based services to help with your academic studies and future career.



AutoTechnology

The FISITA magazine, *AutoTechnology*, is packed with articles and features on the latest in vehicle research, design, development, testing and manufacturing – all written by practicing specialists. Student members of FISITA societies can get a FREE subscription to the award-winning new e-magazine – delivered 6 times each year.

Another good reason to join your national society!

FISITA Bookstore and Technical Papers

FISITA's bookstore offers a wide range of specialist automotive engineering publications. Our on-line library contains thousands of technical papers from conferences and events organised by FISITA and its national member societies. Papers can be downloaded immediately and members of FISITA societies receive a discount on most purchases.



Papers from past FISITA Student Congresses are available from our web site free of charge.

Global University Guide

The world's only comprehensive global database of universities offering courses in automotive engineering and technology. FISITA's Global University Guide gives you up-to-date information on hundreds of higher education institutions and courses at undergraduate and postgraduate level.

fisitajobs.com

Our global recruitment portal is one of the best places to look for engineering jobs with the top automotive companies world-wide. You can apply for jobs online, post your CV and register to receive the latest vacancies by email.

www.fisita.com/autotechnology
www.fisita.com/bookstore
www.fisita.com/students/universities
www.fisitajobs.com

Member Societies

Argentina AITA

Asociación de Ingenieros y Técnicos del Automotor
<http://www.aita.org.ar>

Australasia SAE-A

Society of Automotive Engineers - Australasia
<http://www.sae-a.com.au>

Austria ÖIAV, ÖVK

Österreichischer Ingenieur-und Architekten-Verein
<http://www.oia.v.at>
Österreichischer Verein für Kraftfahrzeugtechnik
<http://www.oevk.at>

Belarus AAA

Academic Automotive Association
<http://aaa.bntu.by>

Belgium UBIA

Union Belge des Ingenieurs de l'Automobile
<http://users.skynet.be/ubia>

Brazil AEA

Associação Brasileira de Engenharia Automotiva
<http://www.aea.org.br>

Bulgaria SAEB

Society of Automotive Engineers in Bulgaria

China SAE-China

Society of Automotive Engineers of China
<http://www.sae-china.org>

Croatia CroSEV

Croatian Society for Engines and Vehicle

Czech Republic CAS

Ceská Automobilova Spolecnost

Finland SATL

Suomen Autoteknillinen Liitto r.y.
<http://www.satl.fi>

France SIA

Société des Ingénieurs de l'Automobile
<http://www.sia.fr>

Germany VDI-FVT

VDI-Gesellschaft Fahrzeug-und Verkehrstechnik
<http://www.vdi.de/fvt>

Hungary GTE

Gepipari Tudományos Egysület – Vehicle Division
<http://www.gte.mtesz.hu>

India SAE India

Society of Automotive Engineers India
<http://www.saeindia.org>

Indonesia IATO

Ikatan Ahli Teknik Otomotif

Iran ISAE

Iran Society of Automotive Engineering

Israel ISME-AS

Israel Society of Mechanical Engineers – Automotive Section
<http://www.engineers.org.il>

Italy ATA

Associazione Tecnica dell'Automobile
<http://www.ata.it>

- Japan JSAE**
Society of Automotive Engineers of Japan Inc
<http://www.jsae.or.jp>
- Korea KSAE**
The Korean Society of Automotive Engineers
<http://www.ksae.org>
- Latvia LAIA**
Latvia Association of Automobile Engineers
<http://www.laia.lv>
- Lithuania LAIS**
Lithuanian Society of Automotive Engineers
- Poland SIMP**
Stowarzyszenie Inzynierow i Technikow Mechanikow Polskich
<http://www.simp.org.ptc.pl>
- Romania SIAR**
Societatea Inginerilor de Automobile din Romania
<http://www.siar.ro>
- Russia AAE**
Association of Automotive Engineers – Russia
- Serbia JUMV**
Jugoslovensko Društvo za motore i vozila
www.jumv.org.yu
- Slovak Republic SAITS**
Spolok Automobilovych Inzinierov a Technikov Slovenska
www.saits.sjf.stuba.sk
- Slovenia AMETS-AG**
Association of Mechanical Engineers and Technicians of Slovenia
– Automotive Group
- Spain STA**
Sociedad de Técnicos de Automoción
<http://www.stauto.org>
- Sri Lanka IAE-Sri Lanka**
Institute of Automotive Engineers
<http://www.iaesrilanka.com>
- Sweden SVEA**
Swedish Vehicular Engineering Association
<http://www.sveaforon.com>
- Switzerland SATG**
Schweizerische Automobiltechnische Gesellschaft
<http://www.satg.ch>
- Thailand TSAE**
Society of Automotive Engineers of Thailand
<http://www.tsae.or.th>
- The Netherlands KIVI NIRIA – AD**
Koninklijk Instituut van Ingenieurs – Automotive Division
<http://www.kivi.nl>
- United Kingdom IMechE**
Institution of Mechanical Engineers – Automobile Division
<http://www.imeche.org.uk>
- United States of America SAE-International**
Society of Automotive Engineers International
<http://www.sae.org>
- Vietnam VSAE**
Vietnam Society of Automotive Engineers
<http://www.vsae.org.vn>



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