The International Federation of Automotive Engineering Societies

Fédération Internationale des Sociétés d'Ingénieurs des Techniques de l'Automobile

FISITA Education Initiatives

January 2015

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Education Committee Membership

Chair: Dr. Daniela Hein

Staff Support: Mr. Tom Bell,

Committee members:

Dr. Giampiero Brusaglino

Prof. Adrian Clenci

Prof. John Fieldhouse

Mr. Luděk Hynčík

Dr. Valentin Ivanov

Mr. Raimundas Junevicius

Dr. Jernej Klemenc

Prof. Jin Kusaka

Mr. Philippe Marcangeli

Prof. Vladimir Medica

Dr. Christopher Onder

Prof. Kihong Park

Mr. Pasi Perhoniemi

Prof. Peter Pfeffer

Mr. Renato Romio

FISITA

Education Committee

Aim:

To drive FISITA's activities in support of the global education, training and career development of students and young engineers, matching the needs of industry

Direct target groups

- Automotive Industry (including SME's)
- Member Societies and Professional Institutions
- Educators and Academic Institutions
- University Students
- Young Engineers

Indirect target groups (to be reached by national member societies)

- Young people/students choosing areas of further study/career paths
- Public Bodies/Foundations

Education Committee – Main Activities

- Global University Guide
- FISITA Travel Bursary Programme
- Islands of Excellence
- Travelling Fellowship Programme
- Student Congress
- Educators Seminar and Educators Technical Sessions
- YourFutureInAutomotive.com offering advice for students and young engineers
- Publicity for FISITA's education activities and initiatives

Your Future in Automotive

- Target group: students and young engineers
- Undergoing restructuring and refresh plan
- Four pillars of YFIA – Advise, Inspire, Route, Support
- Global University Guide
- Student Journal - online resource for publishing undergraduate and postgraduate papers within the field of automotive engineering
- Video interviews with automotive engineers
- Information about FISITA and FISITAs Education Activities

www.yourfutureinautomotive.com

Your Future In Automotive - Analytics

Figures	2013	2014	Percentage increase
Total Site Visits	30,051	73,453	144.43%
Unique Visitors	24,231	63,844	163.48%
Page Views	73,894	128,681	74.14%

2014 Location	%	Sessions
1. United States	45.84%	33,673
2. India	12.44%	9,135
3. United Kingdom	7.74%	5,688
4. Canada	3.88%	2,851
5. Australia	2.30%	1,691

2014 Site Content	%	Page Views
1. What does an automotive engineer really do?	45.67%	58,763
2. Homepage	9.05%	11,646
3. Career advice – all your other questions	4.09%	5,269
4. University course search	3.96%	5,091
5. Travel Bursary	3.52%	4,533

Global University Guide

- The only comprehensive university database in the world that lists Automotive Engineering and Mechanical Engineering
- Search fields – Institution, Degree Level, Language, Country
- Covers 28 countries and more than 130 universities
- The guide is constantly growing and evolving to meet the needs of both Automotive and Mechanical Engineering students and the universities which offer the courses

FISITA Travel Bursary

- To support international industrial and research based placements relating to the automotive industry
- Support of up to EUR 2,000 per student
- 2 deadlines for applications each year – 31st March and 31st October
- Applicants must be studying engineering at undergraduate or postgraduate level at a recognised college or university and be a member of a FISITA member society
- Applications must be sent digitally to FISITA Headquarters (incl. application form, CV, academic and host reference) and are judged by selected members of the FISITA Education Committee

FISITA

Islands of Excellence

- Providing universities with a unique, global automotive forum to connect with academia, engineers, industry and governments
- Enable Universities to present their international research projects within the main exhibition space of the FISITA World Automotive Congress
- Integration of long-term, forward-looking, visionary approaches (link between tradition, displayed at special exhibition, and future)
- In 2014, 5 universities were selected:
  HAN University of Applied Sciences
  KU Leuvan
  RWTH Aachen University
  Czech Technical University in Prague
  TU Eindhoven

FISITA

Student Congress

- Organised alongside the FISITA World Automotive Congress by the Congress host society, supported by FISITA Education Committee
- Allowing students from all over the world to present their work to their peers, academics, and leading figures in the industry
- Full technical and social programme
- Participation includes access to the main Congress and an opportunity to network with senior engineers, scientists and industry professionals
- Prizes awarded for the best papers and presentations, presented at the official Congress Closing Ceremony

FISITA

Travelling Fellowship Programme

- Organised alongside the FISITA World Automotive Congress by the Congress host society, supported by FISITA Education Committee
- Programme for Students and Young Engineers under 35 years
- Programme consists of technical and cultural events (1st week) and participation in the World Automotive Congress (2nd week)
- Goal: Building of worldwide network between participants and learning more about the host country
- Applications must be made via FISITA member societies

FISITA

Educators Seminar

- Presentations from a selected panel of speakers covering the crucial issues for engineering education
- Brings together industry and academia
- A forum for the exchange of ideas and strategies that will help improve the opportunities available to graduates pursuing a career in the automotive industry

- FISITA 2014 World Automotive Congress Educators Seminar focussed on **"Educating engineers for the global automotive industry – trends, challenges and solutions"**

Educators Technical Session

- A special session within the FISITA World Automotive Congress
- Providing educators an opportunity to present papers on best practice in higher education, for example:
  - student exposure to real engineering problems
  - "Hands-on activities"
  - Examples of successful collaboration with industry
  - Effective internships
  - Industry involvement in the delivery of modules, specific topics, courses and research
- Papers are peer reviewed by members of the FISITA Education Committee

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