



THE INTERNATIONAL FEDERATION OF
ENGINEERING EDUCATION SOCIETIES

الفيديرالية العالمية لجمعية لدراسة الهندسية - International Federation of Engineering Education Societies - Fédération internationale des sociétés pour la formation des ingénieurs - Federación Internacional de Sociedades de Educación en Ingeniería - Federação Internacional de Sociedades de Educação em Engenharia - Internationale Föderation der Gesellschaften für Ingenieurausbildung - इंजीनियरिंग शिक्षा समितियों के अंतर्राष्ट्रीय फेडरेशन - Federazione Internazionale delle Societa' per la Formazione degli Ingegneri - 國際工學教育協會 - Международная федерация обществ инженерного образования - 國際工程教育聯盟 - 세계공학교육단체협의회 - Uluslararası Mühendislik Eğitimi Dernekleri Federasyonu Persekutuan Antarabangsa Persatuan-persatuan Pendidikan Kejuruteraan

Celebrating 10 years of IFEES



On October 9, 2006, global leaders from engineering academia and industry gathered at the American Society for Engineering Education's Global Colloquium on Engineering Education in Rio de Janeiro, Brazil. It was there that 36 leaders representing 29 organizations and three corporations hailing from 18 countries officially inaugurated the International Federation of Engineering Education Societies.

Table of Contents

2	Introduction	22	IFEES Duncan Fraser Award
4	IFEES Leadership	24	2016 Corporate Partners
6	IFEES Supported Organizations	26	2016 IFEES Members and Representatives
10	IFEES Summits and the World Engineering Education Forum	34	IFEES Founding Members
14	IFEES Supported Events	36	Three Phases of a Dream (by Xavier Fouger, Dassault Systèmes)
16	IFEES 10 Year Regional Award	38	Join IFEES
20	IFEES President's Award		

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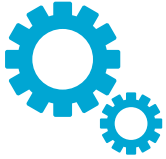
A MESSAGE FROM THE PRESIDENTS

The history of organizations is the history of those who constitute them. Today we are celebrating our 10th anniversary thanks to those men and women who, 10 years ago, had a dream and turned that dream into a reality.

Now it is our duty to project this history ahead into an even more promising future; to help the next generation of engineers to build a better society in which all humankind can live in peace, accepting that we have been created equals but are diverse, and that this diversity is our most precious attribute.

On this basis we invite you, our colleagues from all over the world, to join us for this exciting journey towards the highest quality in engineering education—and to our future anniversaries—when we will celebrate, again and again, the joy of having the opportunity to help our students to discover the wonderful world of engineering.

Uriel Cukierman (2014-2016)
Michael Auer (2016-2018)



MISSION STATEMENT

Connecting the world's engineering education societies to leverage our members' collective strengths to improve engineering education worldwide.

A Brief History of IFEES

IFEES was initially conceived during the Global Colloquium on Engineering Education (GCEE) conference in Australia in 2005. Then, on October 9, 2006, representatives from 29 organizations and three industrial affiliates based in 18 countries formally established IFEES during the American Society for Engineering Education's (ASEE) GCEE in Rio De Janeiro, Brazil. Initially established with the ASEE, IFEES became an independent entity in 2012. Its Secretariat is now hosted by the Marquette University Opus College of Engineering in Milwaukee, U.S.A.

Where We Are Today

Today, one decade later, IFEES' 77 representatives from 47 organizations and eight companies spanning 26 countries work together to fulfill its vision to be an important catalyst to the global engineering education community in building towards engineering excellence.

Through its partnerships and collaborations, IFEES continues to serve its mission of providing a global network of engineering education stakeholders, which leverages the collective resources of its members to, in turn, fulfill their own missions by identifying, discussing and advancing the common objectives of the engineering education community to meet global challenges.

IFEES has played an instrumental role in the founding of the Global Engineering Deans Council (GEDC) and the International Institute for Developing Engineering Academics (IIDEA). Furthermore, the World Engineering Education Forum (WEEF)—which is the IFEES flagship annual conference—has engaged nearly 10,000 participants from every continent.



77 REPRESENTATIVES
26 COUNTRIES

47 ORGANIZATIONS
+ 8 COMPANIES

“



Wu Qidi | Chairperson, Chinese Engineering Education Accreditation Association (CEEAA); and Director, International Center for Engineering Education under the Auspices of UNESCO (ICEE)

“I am impressed with the role IFEES played in connecting the global engineering education community during the past decade. We are always looking to IFEES as one of our most important partners and would like to consolidate our collaboration with IFEES in the future to promote quality engineering education worldwide.”

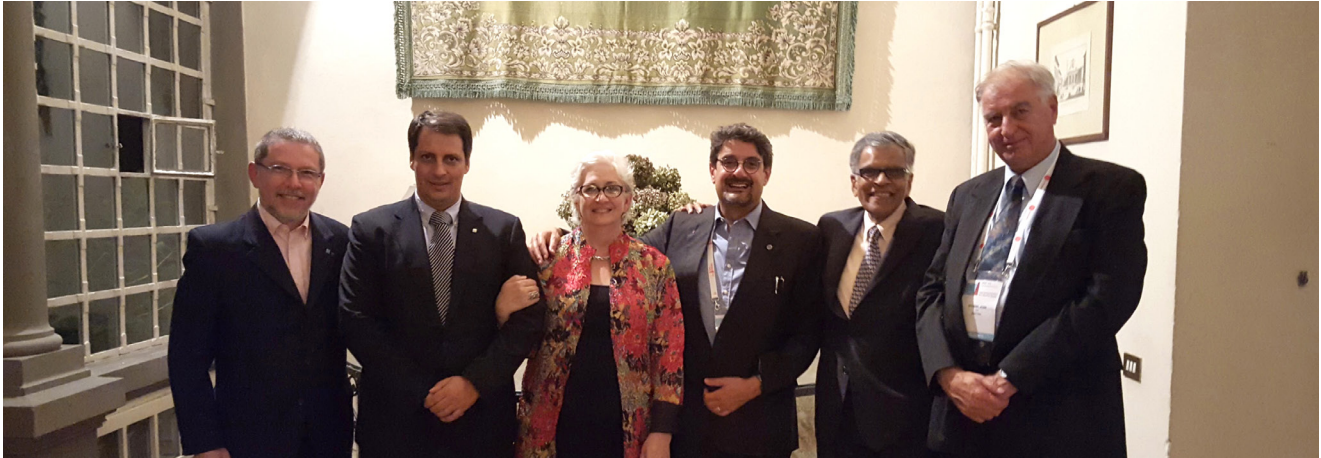
“



Xavier Fouger | Global Academia Senior Director of Programs, Dassault Systèmes

“In 2006, we were united in Rio de Janeiro by a feeling that something had to be done to make engineering education more international. Today we can proudly consider IFEES to be the birthplace of advances with global impact: the GEDC has become the vibrant forum in which deans from many countries help each other advance engineering education and the Indo-Universal Collaboration for Engineering Education (IUCEE) has connected an entire country with educators and researchers from all continents. For Dassault Systèmes, the last decade of continuous cooperation with IFEES produced numerous individual collaborations and provided a fabulous observatory on the global engineering education ecosystem.”

IFEES Leadership



IFEES Presidents

Michael Auer

2016-2018

Austria

Uriel Cukierman

2014-2016

Argentina

**Jose Carlos
Quadrado**

2012-2014

Portugal

Krishna Vedula

2010-2012

U.S.A.

Lueny Morrell

2008-2010

Puerto Rico

Claudio Borri

2006-2008

Italy

IFEES Secretariat



Hans-Jürgen Hoyer

2008-Present



Frank Huband

2006-2008

Executive Committee & Vice Presidents

The IFEES Executive Committee consists of 12 members serving two-year terms. Each year, IFEES representatives elect six members to the Executive Committee, who assume their roles at the IFEES General Assembly during WEEF.

The IFEES President then selects five members to serve in various Vice-Presidential roles, including: First Vice-President & Treasurer; Vice-President for Diversity & Inclusion; Vice-President for Students; Vice-President for Science & Education; and Vice-President for Industry & Academia Relations.

Together, the IFEES leadership works to achieve the goals of its mission and vision, and to fulfill its strategic plan.



Claudio Borri | Founding IFEES President

“I was President of the European Society for Engineering Education, or SEFI, during the ASEE Global Colloquium in Sydney in 2005. After a brainstorm meeting convening several leaders of engineering education societies from around the world, Frank Huband proposed with unanimous consensus one year of preparation work to launch the Federation in Rio de Janeiro in 2006. Guided by Frank, myself and a small group of colleagues drafted the by-laws and other basic documents that laid the foundations of, and gave birth to, the Federation in Rio. In Rio, I was honoured to be elected as the 1st and Founding President, a function I kept for two years.

In this initial phase, colleagues around the world contributed greatly—S. Ramakrishna in Singapore, Lueny Morell, representing HP, in Puerto Rico, Yuri Pokholkov in Russia, Javier Paez Saavedra in Colombia—all driven by the same spirit of bringing, through IFEES, the unique voice of engineering education to the world.”

IFEES Supported Organizations

Over the previous decade, IFEES has been a catalytic force in the creation of three wide-reaching engineering education organizations: the Global Engineering Deans Council (2008); the International Institute for the Development of Engineering Academics (2010); and the Student Platform for Engineering Education Development (2006).

Global Engineering Deans Council (GEDC)

In 2008, the GEDC was formed in recognition of the need for a global forum of engineering deans and rectors. Although the idea was initially conceived during the 2006 GCEE Rio de Janeiro meeting, the GEDC was formally established on May 9, 2008, in Paris by a group of more than 20 leaders from engineering education institutions and corporate partners. The GEDC's mission is to serve as a global network of engineering deans and to leverage the collective strengths for the advancement of engineering education and research.

The GEDC provides engineering deans and rectors with ideas, tools, and best practices necessary to become innovative leaders of engineering education at its annual GEDC Conference, which is held in tandem with WEEF on even years. Furthermore, Airbus Group has partnered with the GEDC to recognize champions of diversity in engineering education through the GEDC Airbus Diversity Award.

Modelled after the ASEE Engineering Deans Council, the GEDC is now an autonomous organization under the umbrella of IFEES. Today, nearly 400 members from 37 countries work to fulfill the GEDC's vision to enhance the

capabilities of engineering deans to transform schools in support of societies in a global economy.

International Institute for Developing Engineering Academics (IIDEA)

The European Society for Engineering Education (SEFI) and IFEES founded IIDEA in 2010 with the vision of educating the ideal engineering professor.

As a leadership training institute, IIDEA focuses on establishing a global network of engineering faculty development programs through a two-pronged approach. First, IIDEA provides a menu of development, capacity building and training activities relevant to faculty, staff and students in engineering and related disciplines. Second, it provides a professional-growth mechanism for the community of faculty developers in engineering education.

The principle goals of IIDEA include:

1. Facilitating development in engineering education worldwide by providing a rich, high-caliber and world-class engineering faculty education option for IFEES, its members and other interested parties.

2. Creating a community of engineering educators interested in faculty development, engineering education research and engineering education innovators in order to enhance the quality of faculty development in engineering education within an intercultural perspective.

Throughout the past six years, IIDEA has hosted dozens of workshops around the world, with 2016 marking the sixth year of annual workshops held at Tsinghua University in Beijing.

Student Platform for Engineering Education Development (SPEED)

Since 2006, SPEED has served as a global interdisciplinary network of engineering students whose mission is committed to improving the future of engineering education while embracing the considerable engineering challenges of the 21st century through initiatives and collaboration with academia, industry, society and government.

Any student who is interested in affecting change in the way that engineering education is delivered is welcome to join SPEED. There are currently 4,000 members spanning 21 countries.

WEEF is traditionally preceded by the Global Student Forum (GSF), which is organized annually by SPEED. The GSF provides a platform for engineering students around the world to engage in discussions, workshops and competitions geared at enhancing their own engineering education as well as contributing to the evolution of engineering pedagogy through interactions and collaborations with academia and industry.

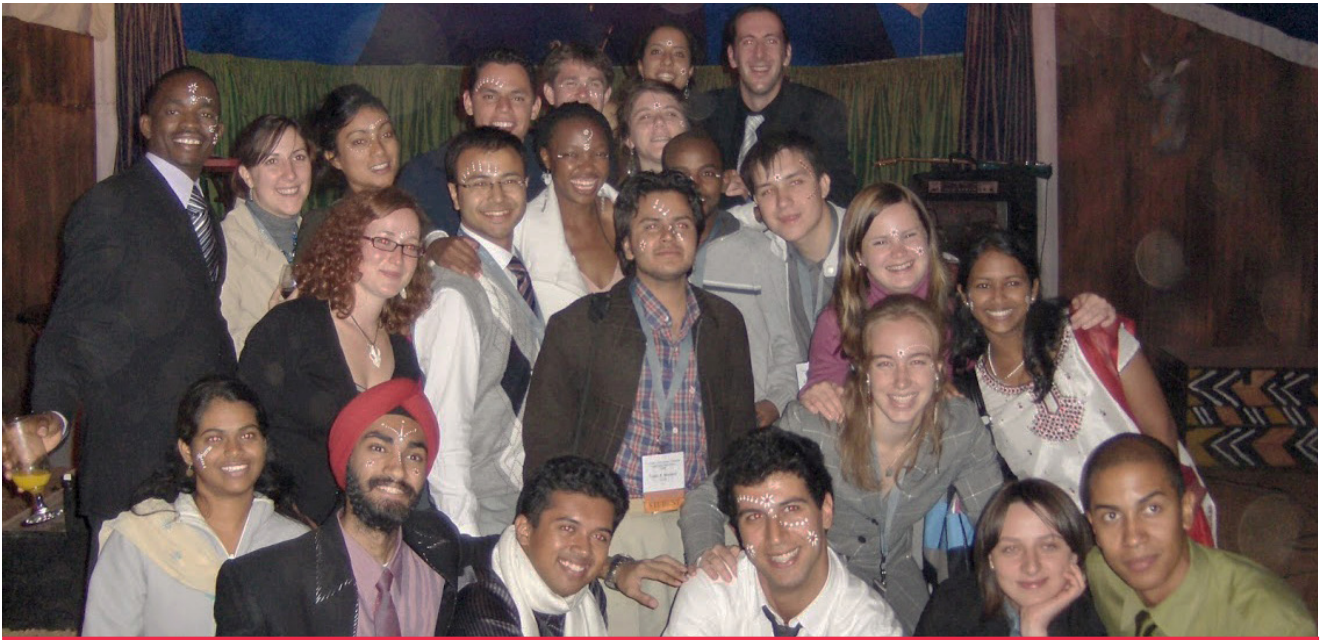


Jack Lohmann | Former Vice Provost, Georgia Institute of Technology

“Time flies—10 years! It seems like only yesterday that I had the privilege to participate in the founding meeting of IFEES, which was attended by enthusiastic colleagues committed to advancing global engineering education. Indeed, it is that continuing commitment and enthusiasm of the member communities that propels IFEES’s success. Here’s to many, many more years of engineering education excellence!”



> GEDC 2008, Paris, France.



> SPEED students gather during the 2008 IFEES Summit in Cape Town, South Africa.



> Student panel organized by SPEED at WEEF 2013, Cartagena de Indias, Colombia.

IFEES Summits and the World Engineering Education Forum

In 2007, IFEES members gathered for the first annual IFEES summit in Istanbul, Turkey. The first official World Engineering Education Forum was held in 2010 at the National University of Singapore and, in 2012, WEEF became an official trademark. WEEF has become one of the world's largest gathering of leaders and stakeholders dedicated to promoting pedagogy and impacting engineering education on a global scale.

2007 IFEES Summit

📍 Istanbul, Turkey

Host: Turkish Engineering Deans Council
and Boğaziçi University

Theme: *Moving Concept to Action*

2008 IFEES Summit

📍 Cape Town, South Africa

Host: University of Cape Town

Theme: *Aligning Engineering Education Initiatives
for a Knowledge Economy*

2009 IFEES Summit

📍 St. Petersburg, Russia

Host: Association for Engineering Education
of Russia

Theme: *Quality Assurance and Accreditation in
Engineering Education: Roadmap for Excellence*

WEEF 2010 Singapore

📍 Singapore

Hosts: National University of Singapore
and Institution of Engineers Singapore

Theme: *Effective Collaborations Addressing Common
and Global Challenges*

2011 IFEES Summit

📍 Lisbon, Portugal

Host: Instituto Superior de Engenharia de Lisboa

Theme: *Global Engineering Recognition, Sustainability
and Mobility*

WEEF 2012 Buenos Aires

📍 Buenos Aires, Argentina

Host: Universidad Tecnológica Nacional and
Consejo Federal de Decanos de Ingeniería.

Theme: *Engineering Education for Sustainable
Development and Social Inclusion*

WEEF 2013 Cartagena

📍 Cartagena de Indias, Colombia

Host: Asociación Colombiana de Facultades de Ingeniería

Theme: *Innovation in Research and Engineering Education: Key Factors for Global Competitiveness*

WEEF 2014 Dubai

📍 Dubai, United Arab Emirates

Host: American University of Dubai

Theme: *Engineering Education for a Global Community*

WEEF 2015 Florence

📍 Florence, Italy

Host: Università di Firenze

Theme: *Engineering Education for a Resilient Society*

WEEF-GEDC 2016 Seoul

📍 Seoul, South Korea

Host: Korean Society for Engineering Education & the Korean Engineering Deans Council

Theme: *Engineering Education for a Smart Society*



> WEEF 2010, Singapore.



Monique Simon | Head of University Relations, Total S.A.

“Our company, Total, will always need qualified engineers who understand the exciting requirements of working for a global energy company. Via IFEES and during the annual WEEF conference we can exchange directly with academic leaders and training institutions who are developing our talent pipeline worldwide and gain a better understanding of trends that are shaping the education of our future hires.”



> WEEF became an official trademark leading up to the 2012 conference in Buenos Aires, Argentina.



Tan Moorthy | Infosys

“At a time when all problems are becoming increasingly global, we need to take a global approach to find solutions. Engineering education plays an important role in shaping the minds of today’s students—our global problem solvers. IFEES, with its ability to reach out to engineering educators and transcend geographical boundaries, plays a pivotal role in bringing the best for these young minds. What makes IFEES unique is the richness and diversity of its members’ experience and expertise.”



David Radcliffe | Australasian Association for Engineering Education, Conference Co-Chair for GCEE 2005

History in the making: “An ASEE initiative that took place during GCEE 2005 was the inaugural meeting of IFEES. This brought together representatives from up to 40 organizations and industry groups involved in engineering education worldwide. The goal of IFEES is to provide a forum for communication, cooperation and coordination of activities among the engineering education societies of the world. Based on these discussions at GCEE 2005, a set of articles of association have been developed and it is anticipated that IFEES will be formally established and an inaugural governing board elected at GCEE 2006 in Rio de Janeiro.”

IFEES Supported Events



↑ Each January, IUCEE typically hosts its International Conference on Transformations in Engineering Education (ICTIEE) in India. This photo was taken during ICTIEE 2015 in Bangalore.

← Paul Gilbert (left), of IFEES and GEDC Corporate Partner, Quanser Consulting, speaks with GEDC member Sarah Rajala during the 2014 IFEES/GEDC Reception in Indianapolis, U.S.A. Every year, IFEES and GEDC members gather for a reception, dinner and breakfast at ASEE's Annual Exposition and Convention in the U.S.A.



Jim Melsa | Past President, American Society for Engineering Education

“I was deeply honored to be a part of the meeting in Rio de Janeiro, when IFEES was founded, and to be elected to the Board of Directors for the formative years of its existence. It is amazing to think that 10 years have passed since then. The vision of an organization to help with the globalization of engineering education was, clearly, well-conceived and executed. Congratulations and best wishes for continued success.”



↑ Key IFEES members including (from left to right) Hulas King (Siemens), Hans-Jürgen Hoyer (IFEES Secretariat) and Funso Falade (AEEA) pose for a photo with Ahad Ali (far right) of the Industrial Engineering and Operations Management Society (IEOM) during IEOM's 2015 conference in Dubai.

IFEES 10 Year Regional Award

In celebration of the organization's 10th Anniversary, IFEES took advantage of this opportunity to recognize six outstanding IFEES leaders who have made consistent, meaningful contributions to the work of the IFEES community and global engineering education since its inception. These leaders have inspired and set an example for high professionalism to our global community through their vision, commitment and measurable achievements.



-
David Radcliffe
Australia and
Oceania



-
Funso Falade
Africa



-
Krishna Vedula
North America



-
Lueny Morell
Latin America and
the Caribbean



-
Susan Oh
Asia



-
Xavier Fouger
Europe



↑ IFEES and GEDC leaders played a pivotal role in organizing the first African Engineering Deans Council (AEDC) in Addis Ababa, Ethiopia, in 2015. Nearly 100 deans from 16 countries in Africa and from around the world gathered for the inaugural meeting. In 2016, the African Engineering Education Association (AEEA) merged their annual conference with the AEDC meeting in Bloemfontein, South Africa.

← GEDC members gathered in Adelaide, Australia, for GEDC 2015. The GEDC holds a stand-alone conference on odd years; however, on even years it is held in conjunction with WEEF.



↑ IFEES leaders María Petrie (LACCEI) and Hector Paz (CONFEDI) join John Beynon (GEDC Chair, 2013-2015) on a panel about Engineers for the 21st Century during the Fourth Meeting of Ministers and High Authorities of Science and Technology. IFEES has a long-standing relationship with the Organization of American States (OAS), which facilitated the 2015 meeting in Guatemala.

← Since 2010, IFEES, in partnership with the European Society for Engineering Education (SEFI) and the Chinese Society for Engineering Education (CSEE), has offered workshops at Tsinghua University.



> Engineering student leaders are recognized during WEFF 2015 in Florence, Italy.



> K. Manivannan and PK Desai of ISTE meet with Krishna Vedula of IUCEE during WEFF 2014 in Dubai, U.A.E.



> Sarah Rajala, Jim Melsa and Frank Huband at the 2008 ASEE Conference in Pittsburgh, U.S.A.

IFEES President's Award

The IFEES President's Award was created in 2012 under the leadership of Krishna Vedula. From 2012 to 2015, the IFEES President honored two individuals who had made significant contributions to the global engineering education community.

Global Visionaries

The IFEES President's Award for Global Visionary is awarded to individuals who have had a long career in engineering education, with a strong reputation and credibility as global leaders.



-
Seeram Ramakrishna | 2015
National University of
Singapore,
Singapore



-
Krishna Vedula | 2014
Indo Universal
Collaboration for
Engineering Education,
U.S.A.



-
Lueny Morell | 2013
InnovaHiEd,
Puerto Rico



-
Claudio Borri | 2012
European Society for
Engineering Education,
Italy

Pioneering Regional Leaders

The IFEES President's Award for Pioneering Regional Leader has been awarded to individuals who have made stellar contributions to engineering education in their regions.



-
Satish Udpa | 2015
Michigan State University,
U.S.A.



-
Yury Pokholkov | 2014
Association for Engineering
Education of Russia,
Russia



-
Eduardo Silva Sanchez | 2013
Asociación Colombiana de
Facultades de Ingeniería,
Colombia



-
Yu Shouwen | 2012
Tsinghua University,
China

Krishna Vedula | Indo-Universal Collaboration for Engineering Education

“My journey with IFEES has been a unique and inspired one. My association with IFEES in 2006 opened up a new path for me professionally after I had just stepped down as dean of engineering. The formation of the Indo Universal Collaboration for Engineering Education (IUCEE; formerly Indo U.S. Collaboration for Engineering Education) was a direct outcome of my association with IFEES. Thanks to the large number of highly talented and distinguished colleagues such as Hans Hoyer, Frank Huband, Lueny Morell, Claudio Borri and many others in IFEES, we have generated a significant movement towards global quality engineering education in hundreds of engineering colleges all over India.”

IFEES Duncan Fraser Award



-
María Larrondo Petrie | 2016
Florida Atlantic University,
U.S.A.



-
Stephen Lu | 2015
University of Southern
California,
U.S.A.



-
Luiz Scavarda do Carmo | 2014
Pontifical Catholic University,
Brazil



-
Anette Kolmos | 2013
Aalborg University,
Denmark



-
Bopaya Bidanda | 2012
University of Pittsburgh,
U.S.A.



-
Jack Lohmann | 2011
Georgia Institute of Technology,
U.S.A.



-
Richard M. Felder | 2010
North Carolina State University,
U.S.A.

About Duncan Fraser



In 2015, the annual IFEES award became the **IFEES Duncan Fraser Global Award** for Excellence in Engineering Education. Fraser, who passed away on July 19, 2014, would have been IFEES's 5th President. Fraser was an extraordinary person, educator and leader. The impact of his work and passion inspired IFEES to rename its annual award in his honor.

At the time of his passing, he was serving as Emeritus Professor of the Department of Chemical Engineering at the University of Cape Town (UCT) in South Africa, an institution where his impact continues to resonate, even now. He also served as the founding Secretary General of the then-fledgling African Engineering Education Association (AEEA).

The latter days of apartheid were the backdrop for the beginning of Fraser's career. In an increasingly diverse classroom, **Fraser was devoted to the success of all students**—particularly those from poor educational backgrounds. After a series of trial and error early in his career, Fraser successfully adapted methods that he learned through literature on minority engineering programs in the U.S.A. to develop collaborative study groups, which led to a breakthrough with his students.

Soon after, Fraser was invited to design the UCT's engineering programs, and helped overhaul the curriculum. He became a mentor to many academic staff members and spear-headed UCT's Centre for Research in Engineering Education.

Fraser's work expanded beyond South Africa's borders following a fortuitous meeting with Funso Falade at the Global Congress on Engineering Education in Poland in 1998. Together, they began the formation of the AEEA, which was formally established in 2006.

Two years later, the UCT became the first institution to hold an IFEES Summit in Africa, which deepened the relationship between IFEES and the AEEA. Fraser would have been proud to see the progress in engineering education in Africa.

Those who knew Fraser often commented on his humility, which was inspired by his spiritually-driven character. For Fraser, any glory he achieved goes to God; he felt that his passion for Africa, for students and for engineering education were gifts from God. This is what made Duncan Fraser an excellent educator, who cared more for the empowerment of students than his position of power.

2016 Corporate Partners

AIRBUS
GROUP

Representative
Rachel Schroeder

DS DASSAULT
SYSTEMES

Representative
Xavier Fougier

GRANTA
MATERIAL INSPIRATION

Representative
Marc Fry

 **MathWorks®**

Representatives
Tom Gaudette
Maureen Maher
Jim Tung

 **QUANSER**
INNOVATE · EDUCATE

Representative
Paul Gilbert

SIEMENS

Representative
Hulas King

 **TOTAL**
COMMITTED TO BETTER ENERGY

Representative
Monique Simon

QAPCO 
شركة قطر البتروكيماويات
QATAR PETROCHEMICAL COMPANY



Paul Gilbert | Chief Executive Officer, Quanser Consulting

“As a corporate member of IFEES, we have developed meaningful long-term relationships and partnerships with a large number of progressive academic educators worldwide. The exchanges we have with IFEES members provide invaluable insights into the demands placed on academic leaders in every continent. Many resulting collaborations have shaped Quanser’s approach to providing modern and transformative engineering education solutions. And we have had the good fortune to develop lasting friendships along the way.”



> Dassault Systèmes 2008 visit, Paris, France.



↑ MathWorks’ P.J. Boardman engages with GEDC and IFEES members during an annual IFEES/GEDC gathering in New Orleans, U.S.A. MathWorks has been an important supporter of IFEES and the GEDC, including contributing sponsorship for the 2016 gathering of members.

2016 IFEES Members and Representatives

Gold Members

<p>ABET Representative Michael Milligan</p>	<p>Indian Society for Technical Education (ISTE) Representative Pratapsinh Kakaso Desai</p>	<p>International Society for Engineering Pedagogy (IGIP) Representative Axel Zafoschnig</p>
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Silver Members

<p>Asociación Colombiana de Facultades de Ingeniería (ACOFI) Representatives Carlos Costa-Posada Luiz Alberto González Araujo</p>	<p>Canadian Engineering Education Association (CEEA) Representative Andrew Fisher</p>	<p>Chinese Society for Engineering Education (CSEE) Representatives Xiaodong Zou Wei Zhang</p>	<p>Chinese Taipei Association of Taiwan Engineering Education and Management (CTATEEM) Representative Samuel Chi-Cheng Chang</p>
<p>Consejo Federal de Decanos de Ingeniería (CONFEDI) Representatives Sergio Pagani Miguel Ángel Sosa</p>	<p>Ibero-American Science and Technology Education Consortium (ISTEC) Representatives Ramiro Jordan David Delaine</p>	<p>Indo-Universal Collaboration for Engineering Education (IUCEE) Representatives Krishna Vedula Stephanie Farrell</p>	<p>International Association of Online Engineering (IAOE) Representative Danilo Zutin</p>

Korean Society of Engineering Education (KSEE) Representatives Kwangsun Kim Il Moon Kyungwoo Yi	Society for Engineering Education Malaysia (SEEM) Representative Khairiyah Mohd-Yusof	Society of Engineers (UAE) Representatives Essa Al Maidoor Alaa Ashmawy	South African Society of Engineering Education (SASEE) Representative Brandon Collier-Reed
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Bronze Members

African Engineering Education Association (AEEA) Representative Funso Falade	American Society for Engineering Education (ASEE) Representative Catherine Skokan	Associação Brasileira de Ensino de Engenharia (ABENGE) Representatives Luiz Scavarda Nival Nunes de Almeida	Association for Engineering Education of Russia (AEER) Representative Yury Pokholkov
Asociación Nacional de Federaciones de Educación de Ingeniería (ANFEI) Representative Juan José Echevarría Reyes	Australasian Association for Engineering Education (AAEE) Representative Euan Lindsay	Engineers Canada and the Canadian Engineering Accreditation Board (EC-CEAB) Representative Kim Allen	European Network for Accreditation of Engineering Education (ENAE) Representative Bernard Remaud
European Society for Engineering Education (SEFI) Representative Françoise Côme	German Accreditation Agency Specialized in Accrediting Degree Programs in Engineering, Informatics, the Natural Sciences and Mathematics (ASIIN) Representative Irving Wasser	Global Education Exchange for Engineers with German Accreditation Agency Representative Mitar Pitzek	Global Online Laboratory Consortium (GOLC) Representative Abul Azad

Ibero-American Association for Engineering Education (ASIBEI)
 Representative
Jaime Salazar Contreras

Industrial Engineering and Operations Management Society (IEOM)
 Representative
Ahad Ali

Institute of Electrical and Electronics Engineers, Inc. (IEEE)
 Representative
Jamie Moesch

Institute of Industrial Systems Engineers (IISE)
 Representative
Don H. Greene

Instituto Superior de Engenharia do Porto (ISEP)
 Representative
José Carlos Quadrado

International Association for Continuing Engineering Education (IACEE)
 Representative
Linda Krute

Japanese Society for Engineering Education (JSEE)
 Representatives
Dr. Homma Takashi Komeda

Kazakhstan Society of Engineering Education (KSEE)
 Representatives
Mutanov Galimkair Mutanovich Barlyk Shaikenov

Latin American and Caribbean Consortium of Engineering Institutions (LACCEI)
 Representatives
Ivan Esparragoza María Larrondo Petrie

National Academy of Engineering Grand Challenges Scholars Program (NAE GCSP)
 Representatives
Christina White Tom Katsouleas Yannis Yortsos Rick Miller

Science and Education Research Council (COPEC)
 Representatives
Melany Ciampi Claudio Brito

Scientific Society of Engineering Education (IPW)
 Representatives
Gudrun Kammasch Ralph Dreher

Turkish Engineering Deans Council (TEDC)
 Representative
Süheyda Atalay

Student Organizations

Board of European Students of Technology (BEST)

Representative
Adrien Merlier

Engineers for a Sustainable World (ESW)

Representatives
Alexander Dale
Justin Hess

Indian Society for Technical Education (ISTE)

Representative
Pratapsinh Kakaso Desai

Student Platform for Engineering Education Development (SPEED)

Representative
Rohit Kandakatla

Observer Members

International Institute of Innovation and Technology (IIITEC)

Representative
Mario Chauca

International Society of Service Innovation Professionals (ISSIP)

Representative
Yassi Moghaddam

Research in Engineering Education Network (REEN)

Representatives
Bill Williams
Roger Hadgraft
Jennifer Turns

Women's Engineering Society (WES)

Representative
Dawn Bonfield



> Visit to Qatar University, 2016.



> Richard Felder (center) receives the first IFEES Global Award for Excellence in Engineering Education during WEEF 2010 in Singapore.



> David Delaine plays the drums during the 2008 ASEE Global Colloquium on Engineering Education in Cape Town, South Africa.



> David Garza, 2012.



> Ivan Esparragoza, María Petrie and Uriel Cukierman at WEEF 2015 in Florence, Italy.



> Participants of WEEF 2014 in Dubai, U.A.E.



> Left to right: Our remembered colleague Nicholas Xenos with Ramiro Jordan, Hans J. Hoyer and Christina White during WEEF 2013 in Cartagena, Colombia.



> The Institution of Engineers Singapore (IES).



> Indian and Argentinian colleagues during a celebration at WEEF 2010 in Singapore.

IFEES Founding Members

President

Claudio Borri

European Society for
Engineering Education
(SEFI)

Vice-Presidents

Norbert Kraker

International Society for
Engineering Education
(IGIP)

Qing Lei

Chinese Society for
Engineering Education
(CSEE)

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World Federation
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Korean Society of
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Three Phases of a Dream

Ten years have passed since a group of people met in Rio de Janeiro to give birth to IFEES. While an elephant sat in the room—“What is the purpose of all this?”—many attendees had a strong intuition that there was a gap in globally connecting promoters of engineering education and they hoped that the future would prove this is the right initiative to close that gap.

IFEES as a Catalyst

It did indeed prove relevant when connections across institutions in multiple regions of the globe started to form and to produce outcomes that would not have been possible in national silos. IFEES inspired the creation of the IUCEE to extend links between India, the U.S.A. and Europe and is now regarded as one of the most influential entities to foster professional development of Indian engineering educators. Since 2008, when I had the privilege to host the 20 founders of the GEDC in Paris, another great achievement of IFEES is that it has increased its regular membership tenfold since its inception. These achievements were bold manifestations of the core value that former IFEES President Lueny Morell liked to see in the society: being a **catalyst**.

As a federation of associations, what else can IFEES become?

IFEES as a Voice

With its global membership, IFEES has yet to be seen as a global **voice**. We just have to consider the diversity in nations represented by members to measure the difficulty of converging toward consolidated IFEES messages to the world. Those messages may precisely lie in providing an international intelligence of engineering education. Indeed, who better than IFEES can produce the actual global mapping of places where engineers are trained and where they are needed? Would this not be valuable input to international organizations like the UN or UNESCO? It could also be essential in helping international employers to better comprehend the global field of engineering knowledge, disparities, and potential talent migration flows.

IFEES as a Force

Education systems are on a profound transformational journey characterized by disruptions in their business models and by new learning paradigms. In engineering, this is getting even more acute as engineers are essential stakeholders in massive challenges of a planetary magnitude. Here, IFEES could reach its next stage of maturity and become a **force** that can produce standards and practices and that can inspire or contribute to policies.

In conclusion, none of those perspectives can be achieved without strong corporate participation, and IFEES has already made significant progress by attracting large players in its membership thanks to the relentless work of its secretariat and its leader-

ship. For Dassault Systèmes, as a provider of digital enablers that are critical to social, economic, technical and educational transformations, it is essential to remain an active partner of this movement.

I hope that this booklet will help readers to see that there is no longer an elephant in the room—and that they'll realize, in retrospect, that the roots of IFEES actually contained the seeds of its future.

Xavier Fouger
Senior Director Global Academia Programs



Join IFEES

IFEES is a network designed to enhance global engineering education through collaboration between educational, corporate and other organizations interested in engineering education, and is committed to positively impacting global development and socio-economic growth.

Through the collaboration of its member societies, IFEES works to establish effective, high-quality engineering education processes to assure a global supply of well-prepared engineering graduates. IFEES enhances the participation of underrepresented groups in the engineering education community, and promotes the value of the engineering profession all around the world.

Through its annual international events, IFEES also provides a unique forum for representatives of IFEES member societies and other key engineering education stakeholders to discuss, and move forward, pertinent issues in engineering education.



Luiz Scavarda do Carmo | Associação Brasileira de Ensino de Engenharia

“Previously, the international community of engineering educators could refer to engineering education only through international conferences. The national associations could be helpful in disseminating international activities, but these activities were not central to their interest. So, the existence of IFEES has been extremely important in the process of internationalizing engineering education. In terms of Brazil, our society for engineering education (ABENGE)—a founding member of IFEES—takes a special interest in IFEES for its own process of internationalization.”

The below chart is a summary of membership benefits. Visit www.IFEES.net for additional membership details and benefits.

	Observer ¹	Bronze	Silver	Gold	Corporate
Annual Fee (USD)	\$0	\$500	\$1,000	\$2,000	\$5,000
Registration discount for representative(s) at IFEES meetings, conferences and/or IFEES member-sponsored events			1 Rep. ² 25%	2 Reps 50%	1 Rep. 100%
Right to (1) vote in IFEES elections		X	X	X	X
Eligible to run for an IFEES leadership position		X	X	X	X
Receive the GlobalEngineer: IFEES-GEDC Quarterly Bulletin	X	X	X	X	X
Featured on the IFEES website	X	X	X	X	X
Eligible for administrative, logistical assistance and support from the IFEES Secretariat		X	X	X	X
Form and participate in IFEES Working Groups and Committees		X	X	X	X
Host and participate in relevant panels, training sessions, etc., at IFEES meetings, conferences and/or IFEES member-sponsored events			X	X	X

1. Observer status is ideal for organizations interested in becoming familiar with IFEES. Observer status cannot exceed two years.

2. Representative



CELEBRATING 10 YEARS

IFEES

International Federation of
Engineering Education Societies

ifees.net



THE INTERNATIONAL FEDERATION OF
ENGINEERING EDUCATION SOCIETIES