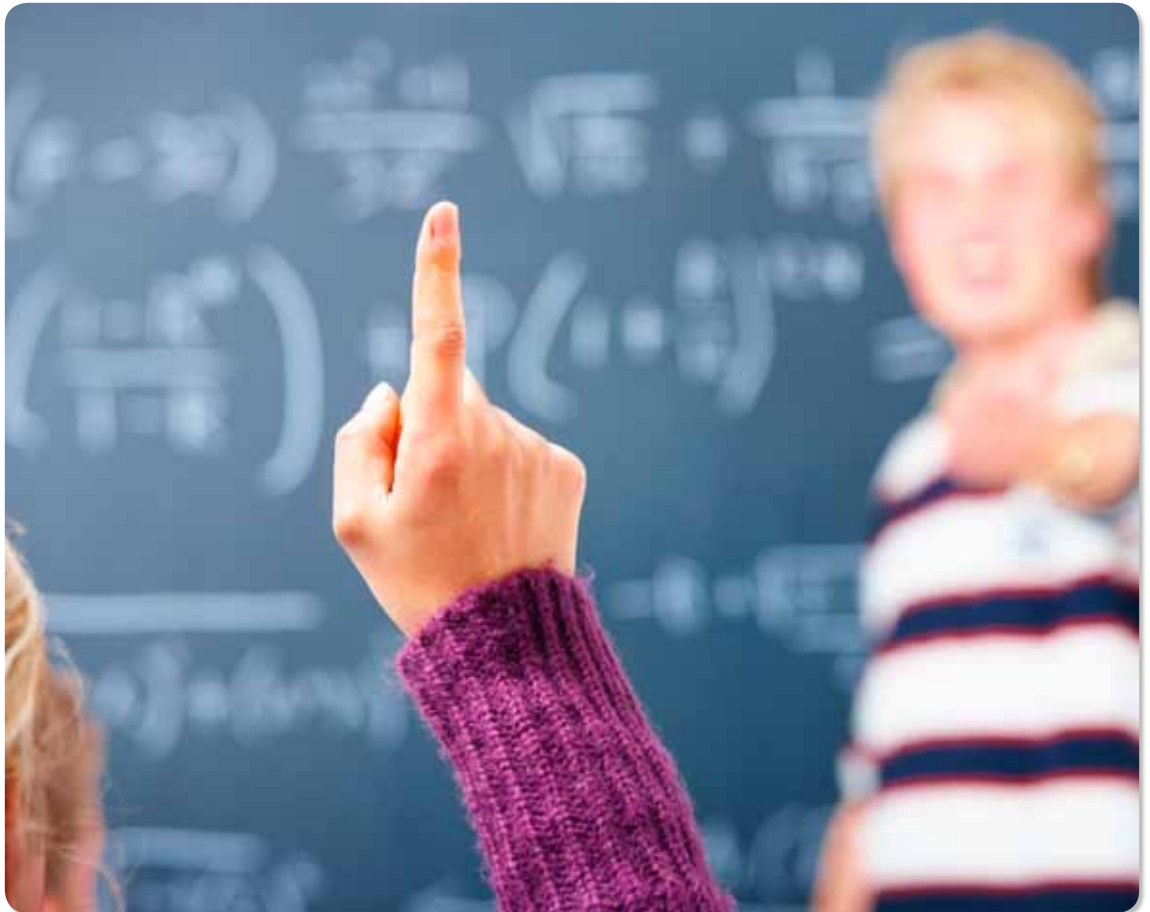


2nd Euro-CASE Annual Conference 2009

Increasing Interest for Higher Education in Mathematics, Science & Technology



Background

The emerging knowledge-based societies require knowledgeable citizens and consumers as well as skilled personnel at all levels. Knowledge in science, technology and mathematics are vital in order to cope with the many challenges – economic growth and competitiveness, the environment and climate change, a sustainable supply of energy etc. – which our societies are already facing and which will become even more pressing in the very near future. Scientific capabilities and technological competences are critical for innovation and providing solutions to all of the problems of modern society.

The conference will focus on encouraging young people to study and pursue careers in science, technology and mathematics. It will include presentations and opportunities to exchange experiences from some very interesting initiatives and actions taken within Euro-CASE member countries. The success and effectiveness of the various approaches and solutions will also be discussed.

Moderator: *Eva Krutmeijer*, Science Communicator

Programme

09:00 **Registration, Coffee**

09:30 **Welcome**

Professor *Lena Treschow Torell*, Chair of Euro-CASE

Opening

Professor *Björn O. Nilsson*, President, Royal Swedish Academy of Engineering Sciences

Keynote addresses

Science and technology – pillars of the knowledge society

Dr *Tobias Krantz*, Minister for Higher Education and Research, Sweden

A European perspective on higher education for competitiveness and growth

Dr *Odile Quintin*, Director General for Education, Training, Culture and Youth, European Commission

10:35 **Coffee**

11:05 **International trends and policies for improving student interest in science and technology studies**

Frédéric Sgard, Ph.D, Global Science Forum, OECD

- 11:25 Competence for growth
European Round Table of Industrialists (ERT) and Swedish Technology Delegation
Professor *Jan-Eric Sundgren*, Senior Vice President, AB Volvo
Mentometer opinion polls (part I)
- 12:30 Lunch
- 13:30 Establishing "Best Practice": Presentations of selected initiatives
Initiative 1: STEM: Science, Mathematics, Engineering, Technology, UK
Matthew Harrison, Director, Education Programmes, Royal Academy of Engineering
Initiative 2: Platform Bèta Techniek, Holland, *Hans Corstjens*, Director
Initiative 3: Wissensfabrik, Germany, *Eva Müller*, Managing Director
Initiative 4: Swiss Academy of Engineering Sciences, Switzerland
Rolf Hügli, Managing Director
Initiative 5: Academie des Technologies, France
Jacques Levy, Directeur Honoraire, Ecole des Mines de Paris
Initiative 6: Science and Technology for All (NTA), Sweden,
Gerd Bergman, Development Manager
- 15:30 Coffee
- 16:00 Panel discussion and mentometer opinion polls (part II)
- 17:15 Closing address
Professor *Lena Treschow Torell*, Chair of Euro-CASE
- 17:30 Reception
- 18:00 Dinner

Date: 5 November 2009, 09.00–18.00

Venue: IVA's Conference Center, Grev Turegatan 16, Stockholm, Sweden

Registration: Register at www.iva.se/euro-case no later than 31 October 2009.
The cost of seminar, reception and dinner is 200 €, please send it to IBAN SE11 6000 0000 0000 1492 0301.

More information: Contact Kirsti Häcki by e-mail at kh@iva.se or by telephone at +46(0)87912956.

This meeting is the 2nd annual meeting of The European Council of Applied Sciences and Engineering, Euro-CASE and is hosted by the Royal Swedish Academy of Engineering Sciences, IVA.

The European Council of Applied Sciences and Engineering is an independent non-profit organisation of national academies of Engineering, Applied Sciences and Technology from 21 European countries. Euro-CASE acts as a permanent forum for exchange and consultation between European Institutions, Industry and Research.

Through its member academies, Euro-CASE has access to top expertise (around 6,000 experts) and provides impartial, independent and balanced advice on technological issues with a clear European dimension to European Institutions, national Governments, companies and organisations.

Euro-CASE is governed by a Board consisting of senior representatives from each member Academy. An Executive Committee is elected from the Board. The secretariat is based in Paris.

IVA is an independent arena for the exchange of knowledge. By initiating and stimulating contacts between experts from different disciplines and countries the Academy promotes cross fertilisation between industry, academia, public administration and various interest groups. Bringing people together to take part in lectures, conferences, research exchanges and other projects serves to generate new ideas and knowledge. Please visit www.iva.se



Euro-CASE



ROYAL SWEDISH ACADEMY OF ENGINEERING SCIENCES