



Educating the “Global Engineer”

8th CeTUSS Workshop
in collaboration with the
IEEE Nordic Education Society Chapter
June 8 – 9, 2009, Uppsala

Engineering is an increasingly global profession where graduates are expected to work in large multi-national and geographically distributed companies, often in a different cultural context to that in which they were educated. In this type of workplace teamwork skills and awareness of culture and virtual teamwork can be crucial to graduate employability.

How should future engineers be educated to meet the needs of an increasingly global workplace? There is no question that it is critical that a modern engineer demonstrate broad cultural awareness, engage with the profession and ethical dilemmas with maturity, be capable of applying critical thinking to a range of open problems to devise relevant and responsible solutions, as well as being able to work effectively in a multi-cultural and geographically distributed teamwork environment. Meeting these challenges is the key to successful modern engineering education.

The workshop gathers international experts from academia and industry to discuss these issues in a two day workshop consisting of invited presentations, e.g. by Helena Bernáld, and expert on cultural awareness, and attendee contributions. The workshop will discuss implementation, and implications of, open ended and ill structured problems in engineering education, international team development projects, consequences of internationalization of study cohorts, through case studies presented by the workshop participants and leaders.

Participants will leave the workshop with an improved understanding of the issues associated with globalization of engineering education, and a broad overview of a range of issues that have emerged from recent globalization initiatives in Sweden and Europe.

Your contribution and participation in this workshop is actively solicited. Please send your presentation abstract (approx 500-800 words) to workshops@cetuss.se by April 30, 2009 if you wish to contribute. The workshop language is English.

Workshop Location: Uppsala University, Uppsala, Sweden

Workshop Fee: €100, includes tea/coffee breaks and lunch both days, and dinner in the evening of the 8th.

Further information, including accommodation recommendations, and the final workshop program will be available on the CeTUSS website www.CeTUSS.se closer to the date of the workshop. Deadline for enrolment will be May 25, 2009.