

Meeting the Growing Demand for Engineers and their Educators 2010 – 2020

International Conference, Munich, Germany, 9 – 11 November, 2007

The migration of engineering work to developing nations, coupled with the rising demand for engineers worldwide, has had considerable impact on the global market for engineers. This situation is further aggravated in many countries by shortages of qualified science, math, and technology teachers at the primary and secondary levels, with these subjects often taught by general practitioners – when they are taught at all.

Discussion:

Will we be able to recruit and train enough engineers to meet the technical challenges facing our society?

Do we have sufficient numbers of teachers properly prepared to educate future engineers and other technical professionals in the 21st century?

Participants:

IEEE and VDE will join Engineering societies, industry representatives, pre-university education leaders, institutions of higher learning and policy makers to discuss strategies for addressing the looming shortages of engineers and technical educators worldwide.

Objectives:

In bringing together representatives from these diverse public and private sectors, the summit seeks to:

- Establish and expand partnerships and open channels of communication among the constituent organizations
- Make recommendations to the relevant organizations based on best practices identified and agreed upon by the conferees
- Develop action plans that help those countries and educational sectors most in need of solutions to implement the recommendations

Expected outcomes:

- Agreed upon a set of action items
- Development of roadmaps for instituting best practices identified by the conferees
- Identification of opportunities for future collaboration on these issues

Agenda:

- Presentations held by leading figures from industry, academia, and government
- Moderated panel discussions and group work
- Poster session and other opportunities for sharing ideas

Location: ArabellaSheraton Grand Hotel, Arabellastrasse 6, Munich (Germany)

Registration fee: Early Registration 238 € (On/Before August 15, 2007)
(VAT is built into fee) Late Registration 297,50 € (Between August 16 and October 17, 2007)
On-Site Registration 357 €

For more information about conference program, registration, hotel arrangements or paper submission, please visit the conference web site: www.ieee.org/go/demandsummit