

Meeting the Growing Demand for Engineers and Their Educators 2010-2020

ArabellaSheraton Grand Hotel

Munich, Germany

Tentative Program Schedule

FRIDAY, 9 November 2007

14:00	Registration
18:00 - 19:00	Opening Session: Chaired by Arthur Winston , Planning Committee Chair Welcome remarks from Leah Jamieson , 2007 IEEE President and CEO Welcome remarks from Alfred Gossner , Fraunhofer-Gesellschaft Executive Board Keynote address: Nicholas Donofrio , IBM
19:00	Dinner; sponsored by the IEEE Life Members Committee

SATURDAY, 10 November 2007

07:00 - 17:00	Registration
07:00 - 08:00	Continental Breakfast
08:00 - 09:00	General Session # 1: Chaired by Arthur Winston Welcome remarks from Josef A. Nossek , President of VDE Keynote address: Leah Jamieson
09:15 - 10:30	Paper Session #1: Focus on Attracting Students, Moderated by Tony Ward Paper Session #2: Focus on Collaborations, Moderated by Kristen Harris Paper Session #3: Focus on Educators, Moderated by Charles Turner Paper Session #4: Focus on Pedagogical Approaches, Moderated by Michael Schanz
10:30	Break
10:45 - 12:00	Paper Session #5: Focus on Attracting Students, Moderated by Gerald Gerlach Paper Session #6: Focus on Collaborations, Moderated by Moshe Kam Paper Session #7: Focus on National Systems, Moderated by William Sparkman Paper Session #8: Focus on Pedagogical Approaches, Moderated by Rolf Remshardt
12:00 - 13:00	Lunch
13:15 - 14:30	Breakout Group Discussion # 1 <i>How can industry, academia, professional societies and government collaborate to address engineering workforce issues?</i>
14:30	Break
14:45 - 16:00	Breakout Group Discussion # 2 <i>How can industry, academia, professional societies and government collaborate to address the supply and demand of pre-university science,</i>

	<i>technology, engineering and mathematics educators?</i>
1 6 : 0 0	Break
1 6 : 1 5 - 1 8 : 0 0	Paper Session #9: Focus on Educators, Moderated by Gerald Anleitner Paper Session #10: Focus on National Systems, Moderated by Andreas Luxa Paper Session #11: Focus on Collaborations, Moderated by David Janosz Paper Session #12: Focus on Pedagogical Approaches, Moderated by Fanny Klett
1 8 : 3 0 - 2 0 : 3 0	Dinner sponsored by Siemens, chaired by Andreas Luxa Keynote address; Reinhold Achatz

SUNDAY, 11 November 2007

0 7 : 3 0 - 1 1 : 0 0	Registration
0 6 : 3 0 - 0 8 : 0 0	Continental Breakfast
0 7 : 0 0 - 0 7 : 5 0	Paper Session #13: Focus on Educators and Attracting Students, Moderated by Douglas Gorham Paper Session #14: Focus on Collaborations and Pedagogical Approaches, Moderated by Victor Fouad Hanna
0 8 : 0 0 - 0 9 : 0 0	General Session # 2: Chaired by William Sparkman , Dean of Education, University of Nevada, Reno Keynote address: "Europe's need for a qualified workforce for new technologies like RFID" by Peter Friess , European Commission, Directorate General Information Society and Media, Converged Networks & Serves Networked Enterprise & Radio Frequency Identification
0 9 : 1 5 - 9 : 4 5	Recap of Breakout Group Discussion
0 9 : 4 5 - 1 2 : 0 0	Breakout Group Discussion #3: Development of an Action Plan <i>Identify collaborative strategies to address the issues</i>
1 2 : 0 0 - 1 3 : 0 0	Lunch
1 3 : 1 5 - 1 4 : 0 0	Breakout Groups Report: Chaired by Arthur Winston
1 4 : 0 0 - 1 4 : 4 5	Attendees "vote" on best strategies
1 4 : 4 5 - 1 5 : 0 0	Closing Session - Arthur Winston <i>The next steps - where do we go from here?</i>
1 5 : 0 0 - 1 6 : 0 0	Panel Session: Focus on Industry and Academic Collaborations, Moderated by Kristin Harris <ul style="list-style-type: none"> • Joseph Urban, National Science Foundation • Carsten Johnson, Cisco, Director of the Cisco Networking Academy in Europe • Tricia Baker, Cisco, Director of Software Applications • Mauricio Ulargui, Microsoft, Academic Director • Jennifer Ng, Mercury Systems and IEEE • Julie Grady, HP University Relations (UK)