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## CV

Dr. Becker was born in 1952 in Marburg/Germany. After studying physics at the University of Karlsruhe he worked at the Max-Planck Society for the Promotion of Science in Munich. In 1981 he got his PhD from the University of Munich and started to work in the Central Research and Development of Siemens AG, Munich, in the field of microelectronic process development. Subsequently he was project coordinator in the Mega-Microelectronic-Project, a spokesman for the Siemens Semiconductor Group, and moved to Siemens Corporate Finance, Investor Relations. After returning to Corporate Communications to become spokesman for environmental matters, he worked for the top+ company efficiency program. In March 2003 he moved to Corporate Personnel, where he became spokesman for topics like University Education, European Higher Education Area, Bachelor/Master, shortage of engineers etc. From July 2005 to December 2012, he was responsible at Corporate Communications and Government Affairs for the university part of “Siemens Generation21”, a company education initiative; the school activities having been transferred to the Siemens Foundation in January 2009.

For many years, Dr. Becker was chairman of the working group for engineering education of the ZVEI (German Electrical and Electronics Manufacturers Association), a physics auditor and a member of the accreditation commission of the ASIIN (German accreditation agency for STEM), a member of the Advisory Board of TechING-LearnING.eu, a member of the EUGENE International Advisory Board and served as a member of the working group on Quality Assurance in the University System of the German Science Council (Wissenschaftsrat). Currently he is active as an independent education expert and member of the VDI (German Engineers Association) committee for engineering education.

Dr. Becker speaks six languages, has given numerous lectures and authored or coauthored many articles. His interests include history, travel photography and writing historical novels. His main recent publications in English include:

- **“Globalization, curricula reform and the consequences for engineers working in an international company”**, European Journal of Engineering Education Vol. 31, No. 3, June 2006, 261-272
- **“Generation21: What markets require, what active students can do and how a company can help them”**, invited paper, presented as keynote lecture at the SEFI 2006, 34<sup>th</sup> Annual Conference, June 28-July 2, Uppsala/Sweden;
- **“Why don’t young people want to become engineers? Rational reasons for disappointing decisions”**; European Journal of Engineering Education, Vol 35, No. 4, August 2010, 349-366
- **“Quality in Engineering Education – An Industry View”**, paper No. 10 presented at the SEFI Annual Meeting 2011 September 27-30, 2011, Lisbon, Portugal.