Press Release

EDAA Lifetime Achievement Award 2013 goes to Peter Marwedel

Leuven, Belgium, February 1, 2013 – The EDAA Lifetime Achievement Award 2013 goes to Peter Marwedel.

The Lifetime Achievement Award is given to individuals who made outstanding contributions to the state of the art in electronic design, automation and testing of electronic systems in their life. In order to be eligible, candidates must have made innovative contributions which had an impact on the way electronic systems are being designed.

Past recipients are: Kurt ANTREICH (2003), Hugo DE MAN (2004), Jochen JESS (2005), Robert BRAYTON (2006), Tom W. WILLIAMS (2007), Ernest S. KUH (2008), Jan M. RABAEY (2009), Daniel D. GAJSKI (2010), Melvin A. BREUER (2011) and Alberto L. Sangiovanni-Vincentelli (2012).

The Award will be presented at the plenary session of the 2013 DATE Conference, to be held 18-22 March in Grenoble, France (http:///www.date-conference.com).

Peter Marwedel received a PhD in Physics with summa cum laude from the University of Kiel, Germany, for his work on stochastic signal processing in 1974. As a post-doc and in cooperation with Gerhard Zimmermann, he designed the pioneering MIMOLA high-level synthesis and retargetable microcode generation system. For this work, he received a Dr. habil. degree in Computer Science in 1987. In 1989, he became a full professor of Computer Science at TU Dortmund, Germany. Since then, he focused on methods for the design of efficient embedded systems. He led a research team which published well visible results on scratchpad memories and their advantages over caches. He was among the first to propose compilation for energy efficiency and the integration of timing analysis into compilers. Dr. Marwedel wrote the very influential textbook "Embedded System Design: Embedded Systems Foundations of Cyber-Physical Systems" and made companion material widely available. His two PhD degrees provide an ideal background for recent work on cyber-physical systems.

Dr. Marwedel served as the Dean of the Computer Science department at TU Dortmund, Germany. On the commercial side, he is currently also heading Informatik Centrum Dortmund (ICD), a spin-off of TU Dortmund. He served as the chairman of the code generation cluster of the ArtistDesign European Network of Excellence, is heading EMSIG (the successor organization to ArtistDesign) and is the vice-chair of the collaborative research center SFB 876 on resource-constrained machine learning. Dr. Marwedel is an IEEE and DATE fellow. He won the teaching award of TU Dortmund in 2002.

More information and electronic version of this PR available at: http://www.edaa.com/
Georges Gielen, EDAA Chair, phone: +32 16 321047, gielen@esat.kuleuven.be