

EDAA Lifetime Achievement Award 2011 goes to Melvin A. Breuer

Kaiserslautern, Germany, 20 January 2011 – The EDAA Lifetime Achievement Award 2011 goes to Melvin A. Breuer.

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 have been 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) and Daniel D. GAJSKI (2010).

The Award will be presented at the plenary session of the 2011 DATE Conference, to be held 14-18 March in Grenoble, France.



Mel Breuer can be called a renaissance man and an innovator in the area of computer-aided design (CAD) and testing of digital systems. He has contributed to the growth of the field of electronic design automation from the early days and has performed pioneering work and long-lasting results. Melvin A. Breuer received his Ph.D. in electrical engineering from the University of California, Berkeley, is currently a Professor of both Electrical Engineering and Computer Science at the University of Southern California, Los Angeles, California, and is the Charles Lee Powell Professor of Electrical Engineering and Computer Science. Dr. Breuer is the editor and co-author of *Design Automation of Digital Systems: Theory and Techniques*, Prentice-Hall, editor of *Digital Systems Design Automation: Languages, Simulation and Data Base*, Computer Science Press co-author of *Diagnosis and Reliable Design of Digital Systems*, Computer Science Press, co-editor of *Computer Hardware Description Languages and their Applications*, North-Holland, co-editor and contributor to *Knowledge Based Systems for Test and Diagnosis*, North-Holland and co-author of *Digital System Testing and Testable Design*, Computer Science Press 1990 and reprinted in 1995 by the IEEE Press. He

has published over 200 technical papers and was formerly the editor-in-chief of the *Journal of Design Automation and Fault Tolerant Computing*, on the editorial board of the *Journal of Electronic Testing*, the co-editor of the *Journal of Digital Systems*, and the Program Chairman of the Fifth International IFIP Conference on Computer Hardware Description Languages and Their Applications. He was co-author of a paper that received an honorable mention award at the 1997 International Test Conference, and the co-author of the best paper at the 2000 Asian Test Symposium. He is a Fellow of the IEEE was a Fullbright-Hays scholar (1972) received the 1991 Associates Award for Creativity in Research and Scholarship from the University of Southern California, the 1991 USC School of Engineering Award for Exceptional Service, the IEEE Computer Society's 1993 Taylor L. Booth Education Award, an Okawa Foundation Research Grant in support of research to "Increase the effective yield of VLSI chips via design and test" (2003), and the first (2000) Engineering Faculty Council Award for Outstanding Meritorious Service to the USC School of Engineering.

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N. WEHN, EDAA Chair, phone: +49 631 205 44 36, wehn@eit.uni-kl.de**

EDAA is a non-profit association. Its purpose is to operate for educational, scientific and technical purposes for the benefit of the international electronics design and design automation community. The Association, in the field of design and design automation of electronic circuits and systems, promotes a series of high quality technical international conferences and workshops across Europe and cooperates actively to maintain harmonious relationships with other national and international technical societies and groups promoting the purpose of the Association. EDAA is the main sponsor of DATE, the premier Design, Automation and Test Conference and Exhibition in Europe.