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For more information:  
Semiconductor Industry Association  
Ian Steff  
202.737.2602  
[mailbox@sia-online.org](mailto:mailbox@sia-online.org)

**Semiconductor Industry Honors  
Professor Jan Rabaey and Professor Reinhold Dauskardt**

***--SIA University Researcher Awards recognize  
outstanding contributions to  
semiconductor research--***

**WASHINGTON, D.C. – March 18, 2010** – The Semiconductor Industry Association (SIA) today announced the recipients of its 2010 University Researcher Awards, Professor Reinhold Dauskardt of Stanford University and Professor Jan Rabaey of the University of California at Berkeley. The awards were presented at the SIA annual Washington conference.

“Leadership in technology provides the foundation for America’s economic growth, high productivity and high wages of American workers, advances in medical science and health care, and ensuring our homeland and national security,” said George Scalise, president of the Semiconductor Industry Association. “Scientific research at leading universities under the direction of outstanding educators makes invaluable contributions to advancing the state of semiconductor technology. Each year SIA recognizes university researchers who have made significant contributions to overcoming the obstacles that remain on the industry’s aggressive technology roadmap.”

Dr. Jan Rabaey, Donald O. Pederson Distinguished Professor in the UCB Department of Electrical Engineering and Computer Science, has led research on communications and networking, design of low-power electronic systems, and innovative architectures for computing and signal processing. He has provided visionary leadership and direction for the Semiconductor Research Corporation (SRC) Gigascale System Research Center and Multi-Scale Systems Center of the Focus Center Research Program (FCRP). He has also directed the Berkeley Wireless Research Center. Professor Rabaey has received numerous awards, including the Jack Raper Award from the International Solid State Circuits Council, the Mac Van Valkenburg Award from the IEEE Circuits and Systems Society, and Electronic Design Association Lifetime Achievement Award.

Dr. Reinhold Dauskardt, associate chair of Department of Materials Science and Engineering at Stanford University, has directed research on the relationships between chemistry and the molecular structure of thin films and bulk materials, the thermo-mechanical behavior of materials, and the fracture and fatigue properties of materials. In his SRC research, he has developed advanced metrology techniques that provide fundamental insights into material properties important to the semiconductor industry. His research work has also contributed to development of reliability benchmarks for a wide class of packaging and interconnect materials. Professor Dauskardt has received many awards for his research work, including the U.S. Department of Energy Outstanding Scientific Achievement Award, the Alexander von Humboldt Award, and election as a Fellow of the American Ceramic Society.

“These outstanding university researchers have not only made important scientific contributions to our industry, they have also inspired young engineers and scientists who will be the future leaders of the microelectronics industry,” Scalise concluded.

### ***About SIA***

The SIA is the voice of the U.S. semiconductor industry, America’s second largest exporter. SIA seeks to continue U.S. leadership in this critical sector that employs 185,000 people in the U.S., and provides the enabling technology for America’s \$1.1-trillion high-tech industries with a U.S. workforce of nearly 6 million people. More information about the SIA can be found at [www.sia-online.org](http://www.sia-online.org).