

FOR IMMEDIATE RELEASE

For more information:

Semiconductor Industry Association

John Greenagel 408.436.6600 or

Ian Steff 202.429.1413

[mailbox@sia-online.org](mailto:mailbox@sia-online.org)

**Semiconductor Industry Hails Nano Research Center  
at Notre Dame University**

***Midwest Academy for Nanoelectronics and Architectures will be a magnet for investment  
by high-tech companies***

**San Jose, CA – March 27, 2008** – The Semiconductor Industry Association today hailed the announcement of a new, \$61 million nanoelectronics research center to be located on the campus of the University of Notre Dame in South Bend, Indiana.

“The Midwest Academy for Nanoelectronics and Architectures (MANA) at the University of Notre Dame will be a world-class research center that will play a strategic role in the search for a successor to the silicon-based semiconductor,” said SIA President George Scalise. “This center will be the hub of research activities involving universities in Indiana, Illinois, Michigan and Pennsylvania.”

“We want to congratulate Governor Mitch Daniels, the National Institute of Technology and Standards (NIST), the State of Indiana, and the City of South Bend for their support of this center,” said Scalise. “The Nanoelectronics Research Initiative (NRI) and the regional research centers exemplify what can be done when industry, government and academia work together. This investment is likely to pay substantial dividends in the future. Leading-edge university research centers have proved to be powerful magnets for investment by technology companies and will help build the high-tech ecosystem for high-value jobs in the future.”

The Midwest Academy is the fourth regional research center sponsored by the Nanoelectronics Research Initiative, joining the existing centers on university campuses in California, Texas and New York. This new center, as well as expansion of the work at the existing centers, was made possible by the new partnership between NRI and NIST announced last fall.

“Leadership in semiconductor technology must be a strategic goal of the United States,” Scalise continued. “For nearly half a century, leadership in technology has driven dramatic increases in the productivity of American workers, enhanced our standard of living, contributed to breakthroughs in medical science and health care, and ensured our national security. The physical limits of advances in current semiconductor technology are now within sight and we are in a worldwide race for leadership in nanoelectronics. The Midwest Academy and other regional centers will attract the best and brightest scientists to work on the formidable challenges ahead,” Scalise concluded.

### ***About the SIA***

The SIA is the leading voice for the semiconductor industry and has represented U.S. semiconductor companies since 1977. Collectively, the chip industry employs a domestic workforce of 216,000 people. More information about the SIA can be found at [www.sia-online.org](http://www.sia-online.org).

### ***About the NRI***

The Nanoelectronics Research Initiative (NRI), a consortium of companies in the Semiconductor Industry Association, is seeking to accelerate research in nanoelectronics for the benefit of the semiconductor industry. The fifteen-year goal of NRI is to demonstrate novel computing devices with critical dimensions below 10 nanometers and to exercise them in simple computer circuits. These results will enable the semiconductor industry to extend Moore's Law - a 40-year-old prediction that the industry can double the number of transistors it places on a computer chip every couple of years -- beyond the year 2020 when the potential limits of the current industry technology known as CMOS may be approached.