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16th Biennial University Government Industry Microelectronics Symposium

**San Jose State University
 San Jose, CA
 June 25 – June 28, 2006**

CALL FOR PAPERS

The purpose of this symposium is to bring together leading engineering educators and researchers from university, government, and industry around the world to promote microelectronics and other forms of micro/nano-fabrication. Representatives of university fabrication labs, ranging from new start-up labs to nationally recognized facilities, have found this symposium an excellent forum for exchanging information. Government agencies such as NSF, NIH, NIST, SEMATECH, SRC, DARPA and ONR regularly participate with papers and updates on funding opportunities. Industry interactions with universities, including technology transfer, collaborative research, and training efforts are frequently presented.

The scope of the symposium is:

- New Initiatives in University microelectronics programs, courses, laboratories, technology transfer, industry interaction
- Government-University microelectronics research programs
- Microelectronic research projects in the areas of materials, simulation, design, processes, testing, and reliability
- Process equipment development, manufacturing, statistical process control and design of experiments
- MEMS programs, courses, applications, processing, interactions, and research
- Standard silicon and compound semiconductors
- Bioengineering and Biotechnology
- Nanotechnology and nanofabrication
- Metrology and sensors
- University microelectronics research facilities

SUBMISSION INFORMATION

Abstracts (one text page + one figure page) must be submitted electronically on the symposium web site by 5:00pm (MST) February 17, 2006. Authors should indicate preference for oral or poster presentation, as well as their institution and contact information. Final manuscripts (4-6 pages maximum) must then be submitted electronically by April 3, 2006. These manuscripts, both papers (20 minute presentation) and posters, will be published in the symposium proceedings.

For more information, visit the 2006 UGIM Symposium web site at:

www.engr.sjsu.edu/ugim2006