



GOMACTech-06

Exploring Invisible Worlds

Paradise Point Resort, San Diego, California
March 20 – March 23, 2006

www.gomactech.net

Call for Papers

Humankind always has been characterized by exploration. Early explorers moved in the world on a geographical scale, mapping the land and seas by hand. As technology advances, so does the precision of measurement, which expands our capability for exploration out to the reaches of the universe and into the realm of the atom. GOMACTech-06 provides a forum for discussing and demonstrating recent breakthroughs in our capability for 'Exploring Invisible Worlds.' It is precisely these technologies that will take us into a new existence where our military and civilian systems can see what we cannot, and translate that vision into information critical to our understanding of the world around us.

GOMACTech is the premier forum for reporting on government funded microcircuit research and other research efforts that focus on the technology needs of government systems. It is an unclassified export-controlled event. All registrants must provide proof of U.S. citizenship or permanent resident status and sign a non-disclosure statement prior to being permitted entry into the conference.

As in the past, GOMACTech-06 will feature Government Applications and Vision Sessions, and selected Research and Development Program Reviews. These sessions offer the attendee insight into government views of critical technical challenges, and provide an opportunity for key government organizations to announce major technology and system initiatives.

Abstracts are invited in the topic areas listed below or those related areas that address the conference theme. Sessions formed based upon these topic areas will be supplemented with tutorials and panel sessions.

Technical Topic Areas

- Advanced Packaging Concepts
- Advanced Semiconductor Materials and Device Technologies
- Electronically Steerable Antennas
- High Performance Computing
- Microelectromechanical Systems (MEMS)
- Multifunctional RF / Microwave / mm-wave Components and Systems
- Nanosensors
- Nanotechnology for Systems
- Photonics and its application for computing and sensing
- Power Electronics
- Radiation Hardened Electronics and Systems
- Sensor Technologies

• Electronic Abstracts Due http://www.gomactech.net/	September 23, 2005
• Author Notification of Acceptance	October 21, 2005
• Final paper Due	January 6, 2006

For Further Information Contact:

Sammy Kayali, Conference Chair
Jet Propulsion Laboratory
sammy.a.kayali@jpl.nasa.gov

W. Devereux Palmer, Technical Chair
Army Research Office
dev.palmer@us.army.mil



Palisades Convention Management
411 Lafayette St.
New York, NY 10003

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