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**FOR IMMEDIATE RELEASE**

## **CHINESE ACADEMY OF SCIENCES (BEIJING) AND PLASMA-THERM HOST PLASMA PROCESSING TECHNICAL WORKSHOP**

**St. Petersburg, Florida, October 9, 2012** – Plasma-Therm has provided an advanced plasma processing workshop at Beijing’s Institute of Semiconductors of the Chinese Academy of Sciences (ISCAS). Presentations addressed both fundamental and advanced plasma etching and deposition technologies used primarily in semiconductor device fabrication and materials science research. The ISCAS semiconductor fabrication facility provides resources for both academic and industrial users and attracts researchers from throughout the world. The workshop attracted over 130 attendees that included graduate students, facility staff, post-doctoral researchers and engineers from 12 different local universities, institutes and local technology companies. The topics discussed were relevant to researchers involved in a wide range of projects that require plasma processing capabilities such as solar energy, nanostructures, data storage, opto-telecommunications, and MEMS. Plasma-Therm, a leading semiconductor plasma processing equipment supplier, has held a dozen similar one and two day workshops at prominent institutions in Singapore, United States, Sweden, China, and Israel during the last year.

Prof. Fuhua Yang, Director of the ISCAS Engineering Research Center for Semiconductor Integrated Technology reported “The Plasma-Therm Plasma Processing workshop was well-organized and very valuable for students and engineers in the academic and industrial technology communities. It covered the basics of plasma knowledge, dry etch and deposition processes and principles, with direct and useful explanations. Although I have worked on semiconductor processes for more than ten years, feel the workshop gave me and many others clear clues for dealing with III-V and Si-based device processes. We really appreciate Plasma-Therm’s effort for the full day workshop.”

“It is exciting to see such an enthusiastic response to the workshops” explained Dr. David Lishan, Plasma-Therm Principal Scientist and organizer of the workshop series. “The opportunity to interact with prestigious institutions such as the Chinese Academy of Sciences and contribute to their research is important to Plasma-Therm. The workshop provides a forum to exchange ideas on leading edge research using plasma processing.”

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### About Institute of Semiconductors, Chinese Academy of Sciences

Since founding in 1960, the Institute of Semiconductors at Beijing's Chinese Academy of Sciences and has become one of the most important bases for research and development of semiconductor sciences and technology in China.

The institute recently refocused research into the following areas: Optoelectronics and its integration technologies, material science and technologies for bulk semiconductors, thin films and microstructures, basic sciences of low dimensional quantum systems, quantum engineering and devices, semiconductor artificial neural networks, and novel microelectronic techniques.

The Engineering Research Center for Semiconductor Integrated Technology is an advanced technology platform for optoelectronics, nanoelectronics and micro-electro-mechanics housing key semiconductor processing and metrology capabilities. Since 2004 the center supports institute research, student training and the exchange activities. The Institute offer masters, doctoral degrees and postdoctoral research stations.

### About Plasma-Therm

Established in 1974, Plasma-Therm is a U.S. manufacturer of advanced plasma processing equipment focusing on research and development systems to high volume production in specialty semiconductor markets including solid state lighting, power, data storage, renewable energy, MEMS, nanotechnology, photonics, and wireless communication. They offer leading etching and deposition technologies and solutions for these markets. Sales and service locations throughout North America, Europe and Asia-Pacific, meet the diverse needs of Plasma-Therm's global customer base. For further information please visit [www.plasmatherm.com](http://www.plasmatherm.com).



Plasma-Therm Technical Workshop at ISCAS

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