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Amtech to Introduce New Ion Implant & PECVD Products at the SNEC Solar Industry Exhibition & Conference in Shanghai, China May 16-18, 2012

TEMPE, Ariz., May 10, 2012 /PRNewswire/ -- Amtech Systems, Inc. (NASDAQ: ASYS), a global supplier of production and automation systems and related supplies for the manufacture of solar cells, semiconductors, and sapphire and silicon wafers, today announced that the Company, along with its solar subsidiaries, Tempress Systems and Kingstone Semiconductor, will exhibit at the SNEC 6th (2012) International Solar Industry and Photovoltaic Exhibition and Conference taking place May 16-18, 2012, in Shanghai, China, at the Shanghai New International Expo Center (Hall E3 Booth 650).

After a little over a year of development time, Amtech'sChina subsidiary, Kingstone Semiconductor, will introduce its ion implant system at the SNEC Exhibition. This ion implant system has been developed from the ground up to specifically serve the needs of the solar industry.

Also at the SNEC Exhibition, Tempress Systems will introduce its new tube-type batch PECVD product. Tempress has drawn on its extensive expertise with diffusion batch processing and PECVD development to bring to market this new product, which will double the size of the solar market Tempress serves.

Mr. Fokko Pentinga, Chief Executive Officer of Amtech, commented, "Amtech's investment in research and development is delivering highly relevant technologies to the marketplace. Additionally, the introduction of these new technologies serves our ongoing strategic objective to expand our product portfolio and the size of market we serve, and to more fully participate in the next generation, high-efficiency solar market."

About Amtech Systems, Inc.

Amtech Systems, Inc. manufactures capital equipment, including silicon wafer handling automation, thermal processing equipment and related consumables used in fabricating solar cells, LED and semiconductor devices. Semiconductors, or semiconductor chips, are fabricated on silicon wafer substrates, sliced from ingots, and are part of the circuitry, or electronic components, of many products including solar cells, computers, telecommunications devices, automotive products, consumer goods, and industrial automation and control systems. The Company's wafer handling, thermal processing and consumable products currently address the diffusion, oxidation, and deposition steps used in the fabrication of solar cells, LEDs, semiconductors, MEMS and the polishing of newly sliced silicon wafers.

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