October 13, 2011

Amtech's Solar Subsidiary, Tempress Systems, to Exhibit at Solar Power International 2011

TEMPE, Ariz., Oct. 13, 2011 /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 its solar subsidiary, Tempress Systems, will be exhibiting at the Solar Power International 2011 Conference taking place October 18 -20 at the Dallas Convention Center in Dallas, TX. Tempress Systems will be located at booth #5456.

Amtech's executive management group will be available to discuss its technology leadership in high-efficiency solar diffusion processing systems, N-type cell technology and its market potential, solar development programs including ion implanter, as well as its dedicated R&D focus on future generation solar technologies for the global marketplace.

Solar Power International (SPI) is North America's largest, most comprehensive solar power trade show and conference. This annual business-to-business event will feature over 1,200 exhibiting companies from all vertical markets in the solar power spectrum and is expected to attract nearly 24,000 professionals from more than 125 countries. More information may be found at http://www.solarpowerinternational.com.

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, semiconductors, MEMS and the polishing of LEDs and newly sliced silicon wafers.

Statements contained in this press release that are not historical facts may be forward-looking statements within the meaning of the Private Litigation Securities Reform Act. Such statements may use words such as "proposed," "anticipate," "believe," "estimate," "expect," "goal," "guidance," "intend," "outlook," "predict," "project" and similar expressions as they relate to Amtech Systems, Inc. or our management. When we make forward-looking statements, we are basing them on our management's beliefs and assumptions, using information currently available to us. Although we believe that the expectations reflected in the forward-looking statements are reasonable, these forward-looking statements are

subject to risks, uncertainties and assumptions including the risks discussed in our 10-K and 10-Q reports and our other filings with the Securities and Exchange Commission. If one or more of these risks materialize, or if our underlying assumptions prove to be incorrect, actual results may vary materially from what we projected. Any forward-looking statements contained in this press release reflect our current views with respect to future events and are subject to these and other risks, uncertainties and assumptions relating to our operations, results of operations, growth strategy and liquidity. We have no intention, and disclaim any obligation, to update or revise any forward-looking statements, whether as a result of new information, future results or otherwise.

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