

Press release

Gutmadingen, Germany, May 29, 2009

A premiere for Lotus Systems:

Wet chemistry specialist in photovoltaic production to participate in Intersolar trade show in San Francisco

From July 14-16, 2009, Lotus Systems, the wet chemistry specialist in photovoltaic production, will be participating for the first time in the Intersolar trade show in San Francisco (www.intersolar.us), Moscone West Convention Center, 2nd Level, booth no. 8445. The Lotus experts will be coming all the way from Germany's Black Forest region to demonstrate how wet chemistry can increase PV production yields, accelerate processes, and improve efficiency – whether for crystalline solar cells or thin-film technology. Our experts will be available for individual consultation at the Lotus booth. Visit www.lotussystems.com to find out more about wet chemistry.

“USA, here we come!” says CEO Joachim Mink. “We want the American photovoltaic market to benefit from the technologies that have been successful in Europe.” These technologies include everything from spray cleaners to wet process applications like texturization to thin-film module processing, including electroless photovoltaic coating. “Our wealth of experience with semiconductors and MEMS is what makes us so special. As early as 1989, we were using this experience to optimize photovoltaic processes,” Mink says. He is confident that “our expertise will now allow all PV manufacturers to cut costs and increase efficiency.”

At the Lotus Systems booth, representatives will provide information about a new wafer drying system. Current methods involve drying cells with circulating air after the last rinse step. This requires a great deal of energy and causes breakage. The German inventors at Lotus are using new techniques here.

Lotus Systems sees itself as a consultant: Lotus engineers have taken their comprehensive experience in the semiconductor and MEMS industries and adapted it to photovoltaics. They provide manufacturers with individual advice to help them optimize PV production.

About Lotus Systems GmbH

With its focus on wet process applications, chemical management, and cleaning applications, Lotus Systems GmbH (www.lotussystems.com) is a leading manufacturer in the use of chemical substances to optimize the production

process for photovoltaics, semiconductors, and MEMS. The company was founded in 2001; CEO Joachim Mink, who has worked for companies such as STEAG and Mattson, brings more than twenty years of experience to the table. In parts cleaning, Lotus Systems was one of the first to apply expertise from semiconductor production to photovoltaics. The company employs over 100 people and has service branch offices around the globe.

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Final assembly of spray cleaners (photograph Lotus Systems)

Photographs and further information

available from: Dr. Klaus Heidler Solar Consulting
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