



Applied Materials Highlights Innovations for Semiconductor Manufacturing at Semicon West 2011 - Showcases Eight New Products

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SANTA CLARA, Calif., July 12, 2011 - Applied Materials, Inc. will showcase its technology innovations for producing future generations of microchips this week at [Semicon West 2011](#) in San Francisco. Applied has introduced eight products over the last few weeks - all focused on enabling customers to solve the key challenges of manufacturing in a new era of chip design complexity.

"We are excited to be announcing new semiconductor technologies for manufacturing some of the most critical and challenging structures in our customers' new chip designs," said Mike Splinter, chairman and chief executive officer of Applied Materials. "These products from our Silicon Systems Group will enable chipmakers to address the inflections in new materials and architectures that will usher in a new era of high performance and functionality to satisfy the relentless demand for smarter, more connected mobile devices."

Applied's eight new products are designed to unlock the full potential of these high-performance devices, from the interconnect wiring to the most advanced transistor gate structures. These systems include: the Reflexion[®] GT CMP for tungsten, the Vantage[®] Vulcan[™] RTP, the Centura[®] DPN HD, the Endura[®] Versa XLR[™] W PVD, the Endura HAR Cobalt PVD, the Centura Integrated Gate Stack[™], the Producer[®] Black Diamond[®] 3 and the Producer Nanocure[™] 3. For details on Applied's latest chipmaking systems, visit www.becauseinnovationmatters.com.

"The drive for greater speed and power efficiency is pushing the boundaries of scaling to find new solutions for our customers that enable manufacturing down to the atomic level with incredible precision and control," said Dr. Randhir Thakur, executive vice president and general manager of the Silicon Systems Group at Applied Materials. "Process complexity has increased considerably and our multi-technology portfolio of products provides customers with integration solutions that can lower their process development times. Deep and early engagements with customers and R&D centers worldwide have enabled us deliver differentiated products for manufacturing [advanced transistors](#), [interconnects](#), [3D architectures](#) and [packaging](#). This is exactly where Applied's continued innovation and experience enable us to lead and excel."

For convenient access to Applied's activities this year, please visit our virtual home at Semicon West 2011 at www.appliedmaterials.com/events/semicon-west-2011. This multi-media resource site links to product information, seminar schedules and other events.

Applied Materials, Inc. (Nasdaq:AMAT) is the global leader in providing innovative equipment, services and software to enable the manufacture of advanced semiconductor, flat panel display and solar photovoltaic products. Our technologies help make innovations like smartphones, flat screen TVs and solar panels more affordable and accessible to consumers and businesses around the world. At Applied Materials, we turn today's innovations into the industries of tomorrow. Learn more at www.appliedmaterials.com.

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