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Nanotechnology maker NanoHorizons to participate at Techtexil

NanoHorizons announced that Dennis Schneider, Director of Marketing and Sales, will present "Nanotechnology Applications in Fibers and Fabrics" at this year's Techtexil North America Symposium, on March 29th. The Techtexil North America Symposium, in its fourth year, is an internationally recognized and attended trade show and symposium for the technical textiles and nonwovens industry. The event brings together the industry's leading companies for education, networking and business development. Schneider's company, NanoHorizons, recently launched its line of nanoscale-engineered SmartSilver permanent anti-odor/antimicrobial additives, offering a safe and cost-effective method to enhance fibers and fabrics in a manner compatible with existing manufacturing processes. SmartSilver-modified fibers can be used to create odor-resistant shoe linings, T-shirts, socks, gloves, carpets and more. Coating and solids applications of SmartSilver are available directly from NanoHorizons. Schneider's presentation at Techtexil, "Nanotechnology Applications in Fibers and Fabrics" will address how nanotechnology is rapidly changing the nature and capability of fibers and fabrics for a wide range of applications. "Nano" has become perhaps the most misused prefix in common usage. A Google search for the term "nanotechnology" results in 47 million Web pages (compared to only 15 million Web pages for polyester, which was introduced in 1941). Only a very small percentage of these Web pages refer to materials which represent genuine applications of nanotechnology. "Real" nanotechnology applications entail the creation of engineered structures with features smaller than 100 nanometers (1nm = billionth of a meter). Like the term "nano," "antimicrobial" has become part of the common vernacular, particularly in the textile industry. Applications touting antimicrobial capabilities do not generally follow specific criteria for evaluation and quality assessment. Such criteria should include permanence, effect on fibers and fabrics, design limitations, manufacturability and cost. Schneider will address the latest technology developments in these areas, particularly with respect to fibers and fabrics. Techtexil brings together highly-seasoned executives, designers and developers who bring a great deal of expertise to the table," said Dennis Schneider. "An in-depth explanation of nanotechnology and antimicrobial protection will assist them as they evaluate product development and introductions in the marketplace. The overuse and misuse of the terms 'nano' and 'antimicrobial' makes it difficult for lay-persons to distinguish real applications of each." NanoHorizons Inc focuses on nanotechnology applications in the fiber and textile, healthcare and microelectronics industries. The company's research and development team addresses real-world problems with applied nanoscale engineering. Source: Fibre2fashion

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