

## Schultz-Creehan Presented at NCDMM 2010 Summit

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Schultz-Creehan CEO Nanci Hardwick presented "The Emergence of an Innovative Metal Processing Method" at the annual National Center for Defense Manufacturing and Machining (NCDMM) Summit in Greensburg, PA. Schultz-Creehan's FrictionCoat and other "Emerging Technologies" were showcased during the event which provides a forum for collaboration between government facilities, large OEMs, part fabricators, service providers, technology developers and academic organizations.

FrictionCoat is an additive friction stir technology developed by Schultz-Creehan LLC for both joining and coating metals. Many applications have already been identified for this emerging technology. Shipbuilders are evaluating potential uses in surface ships and submarines. The rail gun industry is evaluating the coating process for increasing the wear resistance and durability of rail gun rails. Because the technology produces a metallurgical bond, any application requiring high bond strength (where traditional welding or flame-spray coatings are not viable or optimal) is a candidate.

Hardwick explained in her presentation that the primary benefit of this technology is ability to achieve superior bond strength in the most challenging of environments with a spectrum of materials. "We see many opportunities for this metal joining and coating process in defense and industrial applications and were pleased to include a presentation on the development of FrictionCoat in our annual Summit event," stated Ralph Resnick, VP, CTO & Director of Corporate Development for NCDMM.

NCDMM was established in 2003 to address and support the broad manufacturing and machining needs of the U.S. Department of Defense (DoD) and its Suppliers. Since its inception, the NCDMM has worked with numerous DoD organizations and their industrial supply base. NCDMM continues to expand that network to become increasingly involved with the manufacturing and machining issues facing DoD organizations and their contractor community. Through these interactions, the NCDMM has developed and delivered innovative solutions that have been applied to the benefit of these organizations and the U.S. warfighter.

Schultz-Creehan is a high-tech engineering firm focused on the research and development of innovative solutions to address complex product development challenges. Schultz-Creehan's capabilities include design engineering, prototyping, testing, and manufacturing. With offices and lab facilities in the Virginia Tech Corporate Research Center in Blacksburg, Virginia, Schultz-Creehan develops and manufactures products and processes to serve clients in the aerospace, defense, medical device and industrial markets. For more information about Schultz-Creehan, please visit [www.schultz-creehan.com](http://www.schultz-creehan.com)