

# AUTM Partnering Forum

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## Advanced Manufacturing: Shaping & Joining Technologies

### Global Technology Portal

Visit the [AUTM Global Technology Portal \(GTP\)](#) for more information on university technologies for licensing worldwide.

**Technologies represented: Updated on 9/7/17**

Machining and Lubrication				
Case Number	Technology Title	Organization	Organization Contact	Contact Email
	<a href="#">Nanofluids &amp; Greases, Physical Vapor Deposition Coatings</a>	SDSM&T AMP Lab	Joseph Wright	<a href="mailto:Joseph.Wright@sdsmt.edu">Joseph.Wright@sdsmt.edu</a>
Molding, Casting, Forging, Stamping, Extruding and Tooling				
Case Number	Technology Title	Organization	Organization Contact	Contact Email
D160016	<a href="#">Cold Spray Tool and Component Repair</a>	SDSM&T AMP Lab	Joseph Wright	<a href="mailto:Joseph.Wright@sdsmt.edu">Joseph.Wright@sdsmt.edu</a>
Sheet Forming, Embossing, Cutting and Coating				
Case Number	Technology Title	Organization	Organization Contact	Contact Email
	<a href="#">Laser Powder Deposition, Cold Spray, Plasma Electrolytic Oxidation, Physical Vapor Deposition, Nano-enhanced Atmospheric Plasma Spray</a>	SDSM&T AMP Lab	Joseph Wright	<a href="mailto:Joseph.Wright@sdsmt.edu">Joseph.Wright@sdsmt.edu</a>
Welding and Brazing				
Case Number	Technology Title	Organization	Organization Contact	Contact Email
D130007	<a href="#">Laser Powder Deposition, Cold Spray, Friction Stir Welding, Ultrasonic Welding</a>	SDSM&T AMP Lab	Joseph Wright	<a href="mailto:Joseph.Wright@sdsmt.edu">Joseph.Wright@sdsmt.edu</a>

Adhesives, Mechanical Fastening and Novel Joining				
Case Number	Technology Title	Organization	Organization Contact	Contact Email
	<a href="#">Conductive Adhesives</a>	SDSM&T AMP Lab	Joseph Wright	<a href="mailto:Joseph.Wright@sdsmt.edu">Joseph.Wright@sdsmt.edu</a>
Inspection, Validation and Quality Control				
Case Number	Technology Title	Organization	Organization Contact	Contact Email
	<a href="#">Property correlation with Non-destructive inspection parameters</a>	SDSM&T AMP Lab	Joseph Wright	<a href="mailto:Joseph.Wright@sdsmt.edu">Joseph.Wright@sdsmt.edu</a>
Electronics Packaging and Soldering				
Case Number	Technology Title	Organization	Organization Contact	Contact Email
Other Emerging Shaping and Joining Technologies				
Case Number	Technology Title	Organization	Organization Contact	Contact Email
Molding, Casting, Forging, Stamping, Extruding and Tooling				
Case Number	Technology Title	Organization	Organization Contact	Contact Email
D150016	<a href="#">Discontinuous-Fiber Thermoplastic Composites with Engineered Properties</a>	SDSM&T Cape Lab	Joseph Wright	<a href="mailto:Joseph.Wright@sdsmt.edu">Joseph.Wright@sdsmt.edu</a>