

Agenda - December 5th, 2023

December 5th	Zoom link: sent via mail/calendar invite
	Room Location: Room 106, Duke, UNC Charlotte
12:00 - 12:30	Coffee/snacks, presentation uploads, etc.
12:30 – 12:40	Welcome & CAMAC updates - <i>S. Schmid (UNC Charlotte)</i>
Start Technical Session	
12:40 –13:00	Additive Formation of Ordered Ceramic Nanocomposites using Selective Laser Melting– Aidan Restelli/H. Zhang (UNC Charlotte)
13:00 -13:25	Correlating Component Integrity with Surface Characteristics at Each Stage of Ceramic AM Manufacturing – Sarah-Margaret Andrews/ A. Allen & B. Mullany (UNC Charlotte)
13:25-13:45	3D Printing of Ultra-High Temperature Ceramics (UHTCs) using Selective Laser-induced Reaction Sintering (SLRS) Process - Kaushik N. Vinod & Shalini Rajpoot/ C. Xu & T. Fang (NC State)
13:45-14:05	A Self-Healing UHTC-reinforced Composite using Selective Laser-induced Reaction Sintering (SLRS) Process for High-Temperature Thermal Stability - Shalini Rajpoot & Kaushik N. Vinod / C. Xu & T. Fang (NC State)
Quick Break	
14:20 - 14:45	Direct Ink Writing of SiC/C Ceramic Matrix Composites – Trevor Williams/Y. Chen & E .Joyee (UNC Charlotte)
14:45 - 15:10	Stereolithography of SiC for advanced manufacturing for materials for Harsh Environments – Tien Herd/ S. Schmid (UNC Charlotte)
15:10 – 15:25	Ceramic AM for the manufacture of monolithic flexure mechanisms (externally funded via CPM)- Anand Rathnam/ S. Smith (UNC Charlotte)
15:25 – 16:00	Funding calls/ sustainability discussion & wrap up

