

Agenda- June 8, 2023

June 8th	Zoom: https://ncsu.zoom.us/j/3532166838
	Room Location: Room 3115, Building EB3, Centennial Campus, NC State
11:00 – 11:10	Welcome - <i>C. Xu (NC State)</i>
11:10 - 11:20	CAMAC updates - <i>S. Schmid (UNC Charlotte)</i>
Start Technical Session	
11:20 -11:40	Correlating Component Integrity with Surface Characteristics at Each Stage of Ceramic AM Manufacturing – <i>S-M. Andrews/ B. Mullany & A. Allen (UNC Charlotte) -Via Zoom</i>
11:40 - 12:00	3D printing/Additive manufacturing of photocurable silicone carbide-polymer composite with densified microstructures - <i>T. Rahman/A. El-Ghannam & E. Joyee (UNC Charlotte)</i>
12:00 - 12:20	Direct Ink Writing of SiC/C Ceramic Matrix Composites - <i>Y. Chen & E. Joyee (UNC Charlotte)</i>
Lunch (12:20 – 1:00)	
1:00 - 1:20	3D Printing of Ultra-High Temperature Ceramics (UHTCs) using Selective Laser-induced Reaction Sintering (SLRS) Process – <i>N. Yang & K. Vinod /C. Xu & T. Fang (NC State)</i>
1:20 - 1:40	Stereolithography of Silicon Carbide - <i>T. Herd/ S. Schmid & B. Mullany (UNC Charlotte)</i>
1:40 - 2:00	Ceramic AM for the manufacture of monolithic flexure mechanisms (A CPM project)- <i>A. Rathnam/ S. Smith (UNC Charlotte) - Via Zoom</i>
2:00 - 2:05	Wrap up - <i>S. Schmid</i>
2:05 - 3:00	NC State AM Laboratory Tour
3:30	Departure