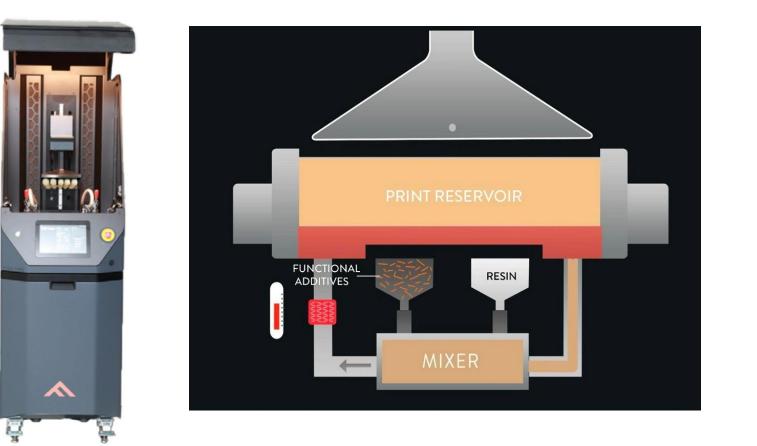
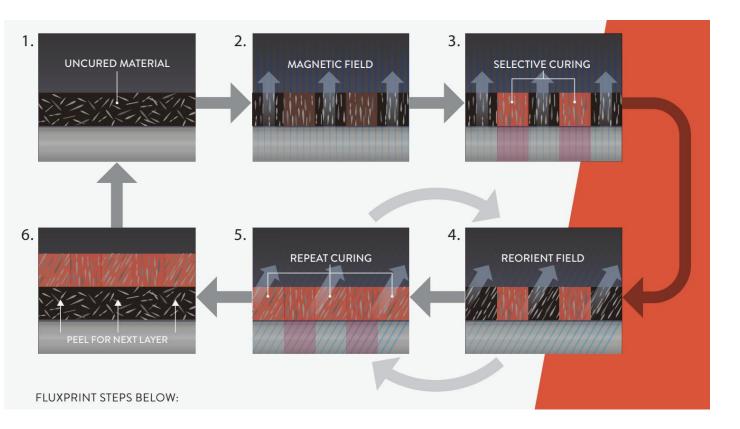
Team Members Alexandra Light Drew Craven Spencer Scarber

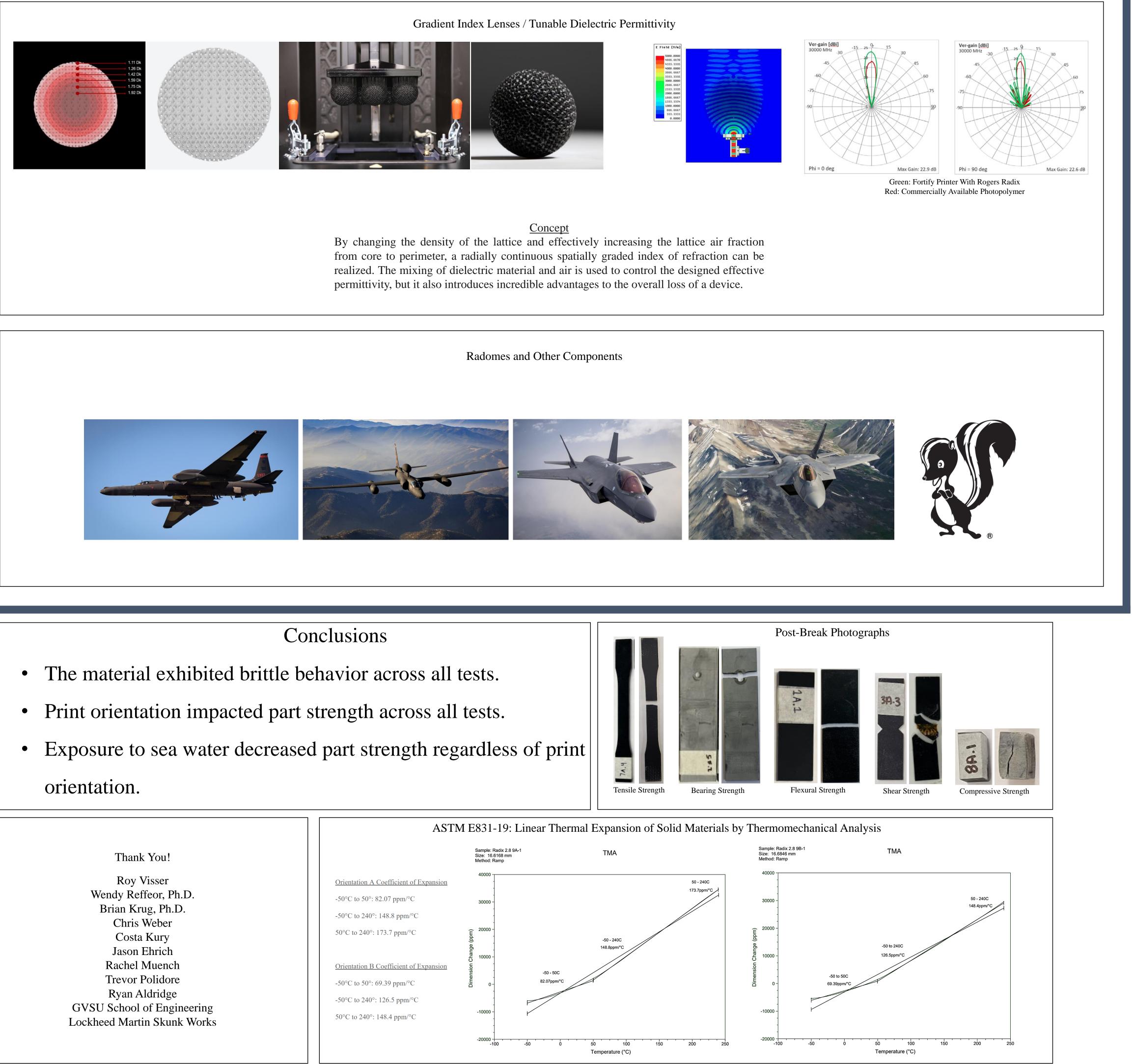
Sponsor Contact Eric Versluys

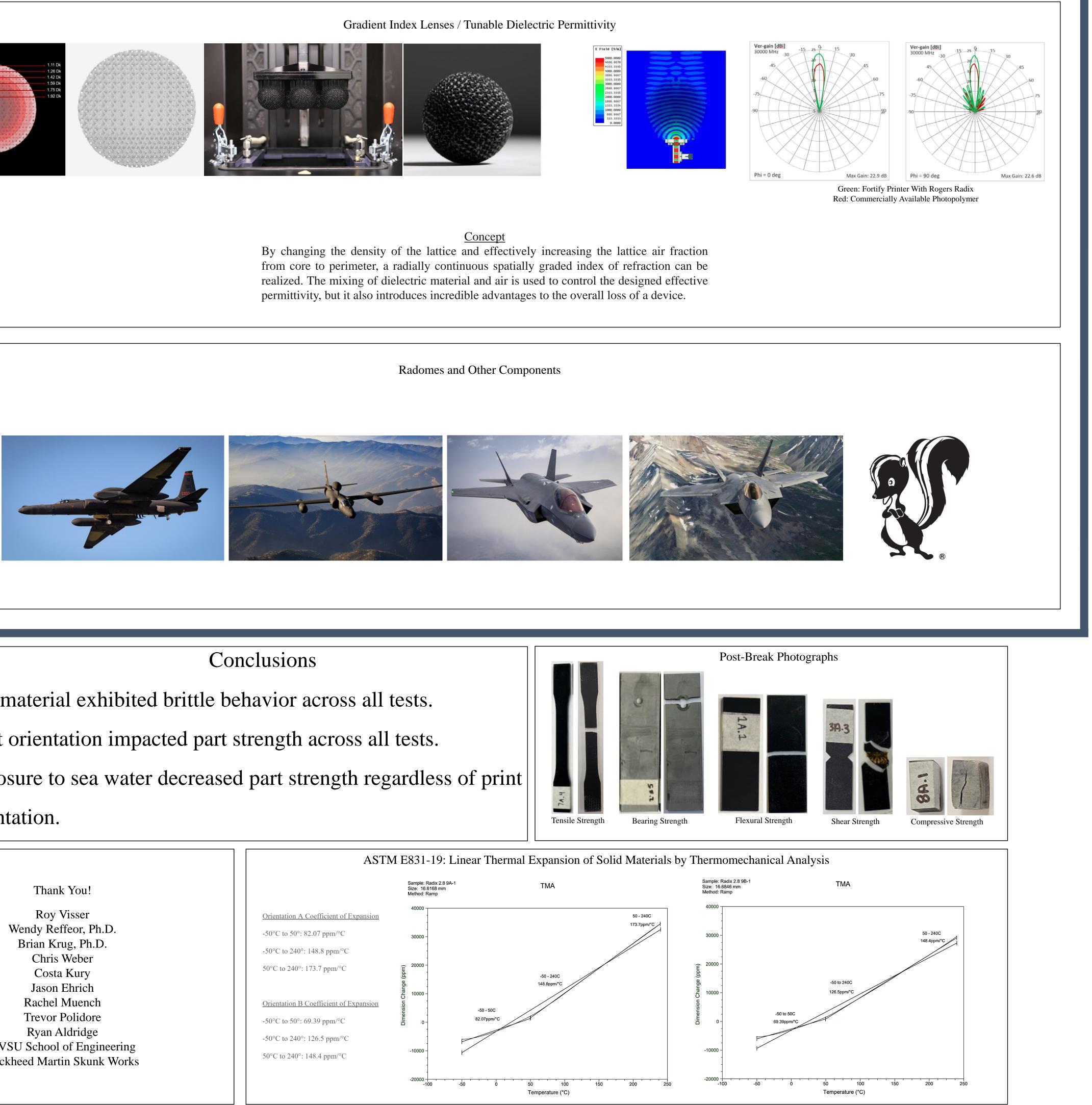
Introduction / Technology





Applications





	ASTM E851-19: Linear Theri
Thank You!	Sample: Radix 2.8 9A-1 Size: 16.6168 mm Method: Ramp
Roy Visser Wendy Reffeor, Ph.D. Brian Krug, Ph.D. Chris Weber Costa Kury Jason Ehrich Rachel Muench Trevor Polidore Ryan Aldridge GVSU School of Engineering Lockheed Martin Skunk Works	Orientation A Coefficient of Expansion -50°C to 50°: 82.07 ppm/°C -50°C to 240°: 148.8 ppm/°C 50°C to 240°: 173.7 ppm/°C 0000 0000 0000 0000 0000 0000 -50°C to 240°: 173.7 ppm/°C 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 50°C to 240°: 126.5 ppm/°C 50°C to 240°: 148.4 ppm/°C 20000
	-20000 +



Project Additie

One of the challenges for integrating additively manufactured materials into aerospace products is the lack of necessary statistical data on the mechanical and environmental properties of new additive materials. In this project, the mechanical properties of newly introduced additive materials are measured, and the statistical data are reported according to relevant engineering standards.

GRANDVALLEY STATE UNIVERSITY SCHOOL OF ENGINEERING

Faculty Advisor Mahdi Norouzi, Ph.D.

