

# Direct Ink Write of Silicone Engineered Foam

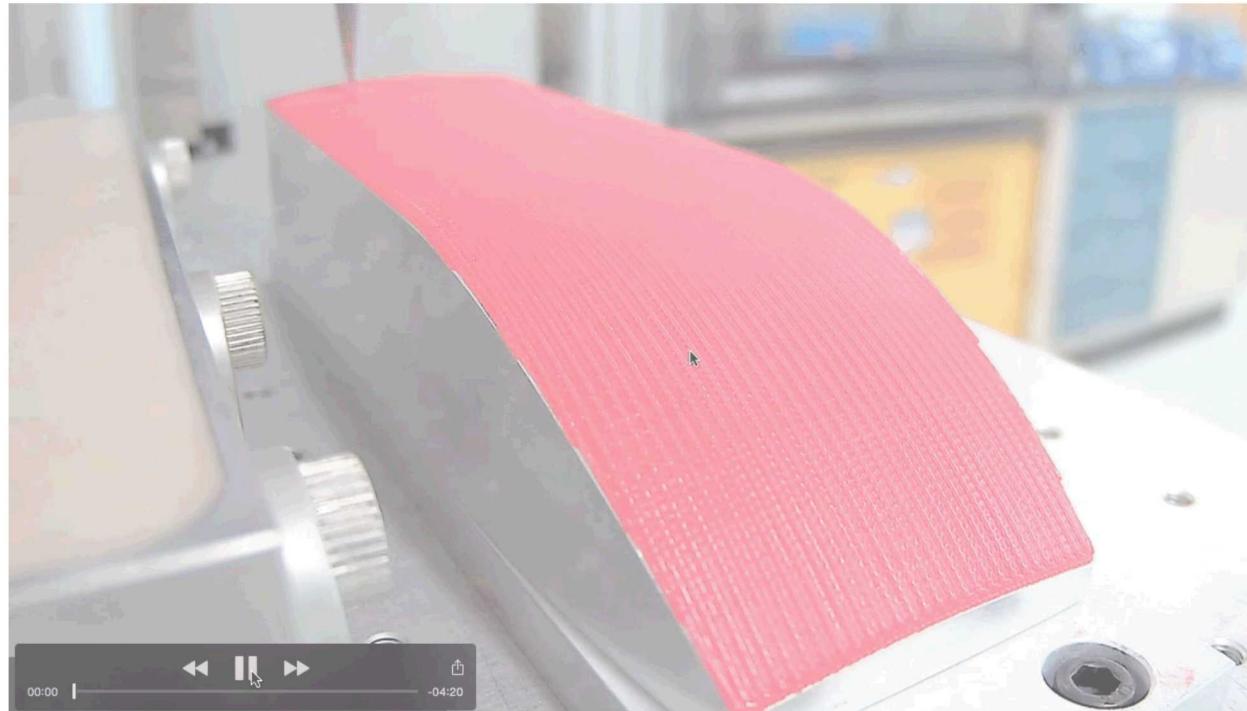
Adam Cook

Sandia National Laboratories, 1815

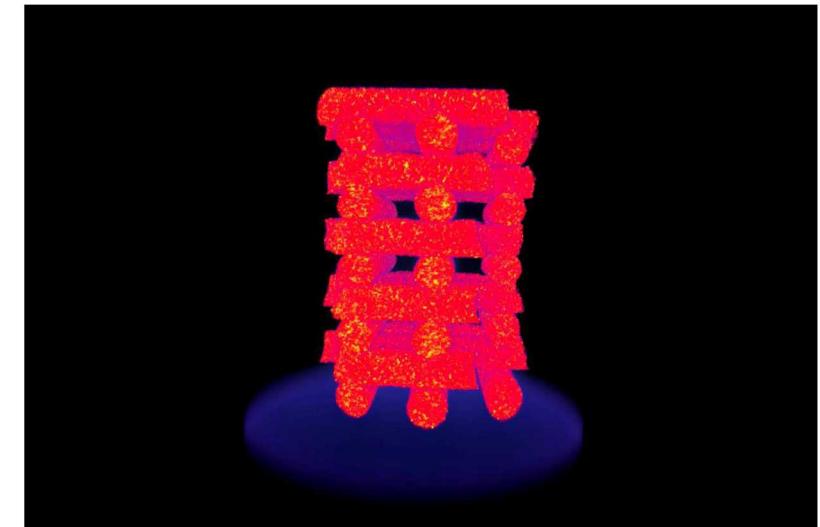
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# Direct Ink Write of Silicone Engineered Foam

- Direct ink write (DIW) of silicone material is used to create an engineered foam lattice
- Different lattice structures have been investigated with the possibility of unique anisotropic material properties
- Foams need not be flat but can take on a complex shape
- Engineered structure is much more controllable compared to other disordered foam forming method



Video showing DIW process



CT Scan of lattice structure