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Research Theme

Aerospace and Transportation Materials and Manufacturing (ATMM)

Research Areas

- Manufacturing of Composites
- Failure of Composites
- Machine Learning
- Process Simulation and Optimization
- Manufacturing-induced defects
- Material Characterization

Research Facilities/Tools

- AFP Processing of Composites
- Autoclaves
- Hot Press
- Thermo-chemical analysis DSC, TGA
- Elemental Analysis XRF, EDX, FTIR
- Crystallography XRD
- Nanoindenter
- Microscopy SEM, TEM, AFM

