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Research Theme

Aerospace and Transportation Materials and Manufacturing (ATMM)

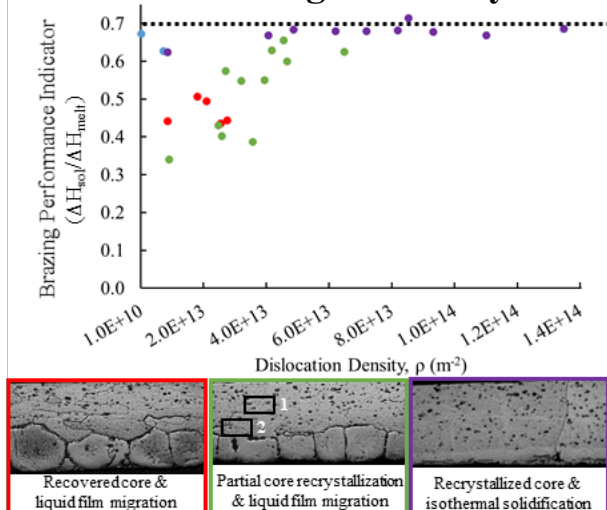
Research Areas

- Metal additive manufacturing
- Brazing
- Welding
- Alloy design
- Defect characterization
- Processing-structure-properties relationships

Research Facilities/Tools

- Laser directed energy deposition additive manufacturing system
- Calculation of phase diagram (CALPHAD) software

Brazing of Al alloys



Additive manufacturing of Ni superalloys

