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POETS by the numbers:

4 Universities - University of Illinois at Urbana-Champaign (lead), Howard University, Stanford University, University of Arkansas

- 31 Faculty
- 107 Student Researchers
- 38 Ph.D., 29 M.S., 9 B.S. Degrees Granted to date
- 35 Graduates working in industry to date
- 229 POETS publications
- 64 Technical Reports
- 3 Testbeds – Aerospace, Off-Highway, On-Highway
- 3 Full patents
- 3M+ in Associated Project Funding (2020-2021)

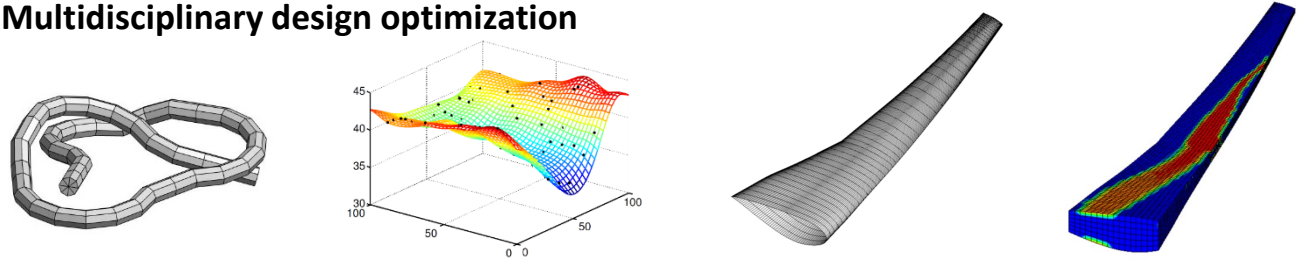
P / O E T S

Recent POETS Projects

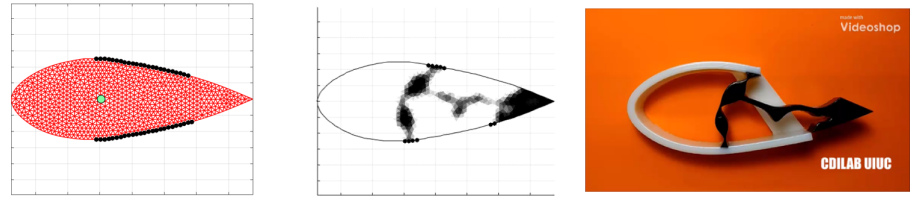
- A Multidisciplinary Design Optimization Framework for Efficient Design of Multi-Domain Systems-of-Systems
- Extension of POETS Packing and Routing Methods to Industry-Relevant 3D Electro-thermal Problems
- Cold Plate Designer: A Software Tool to Rapidly Design High-Performance Lightweight Cold Plates with Heterogeneous Cooling Cap

POETS & Related Research

Multidisciplinary design optimization



Structural topology optimization



Computational mechanics

Computational thermal design & analysis

