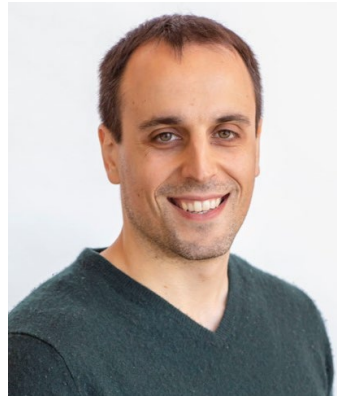


Nenad Miljkovic – University of Illinois at Urbana-Champaign



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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)

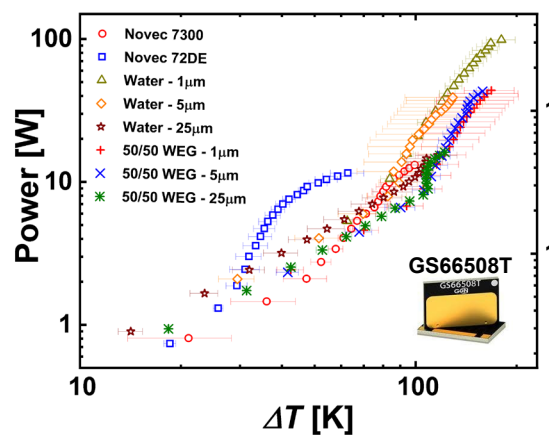
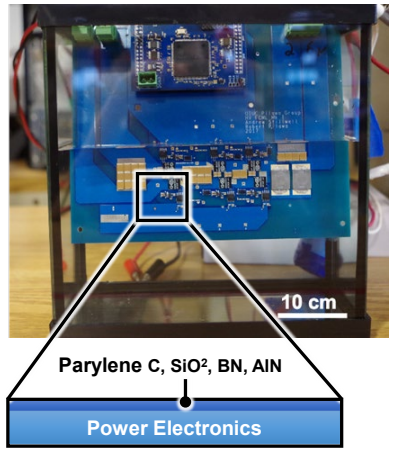
P / O E T S

Recent POETS Projects

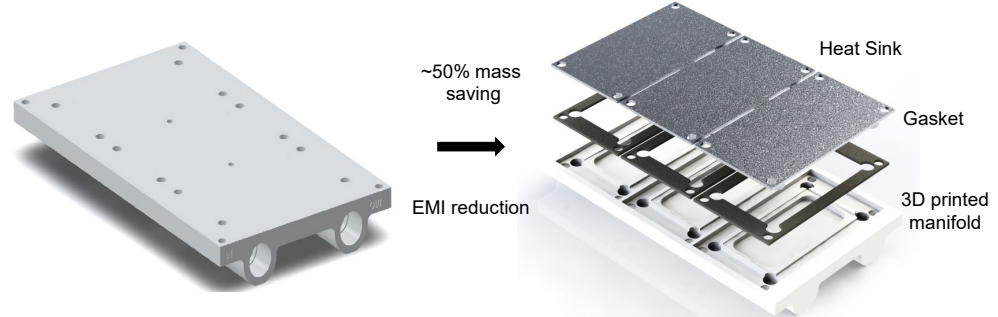
- Reliability-Based Co-Design of a Battery Power-Thermal Coupled Management System
- Additive-Manufacturing-Enabled High-Temperature and High-Density Power Electronics
- Cold Plate Designer: A Software Tool to Rapidly Design High-Performance Lightweight Cold Plates with Heterogeneous Cooling Capability

POETS & Related Research

Water Immersion Cooling



High-Power Density Additively Manufactured Hybrid Cold Plates



Direct Copper Heat Spreader Integration

