



POETS

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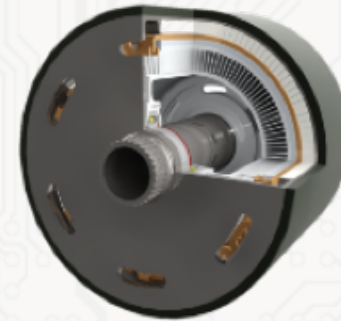


- High specific power machines and drives – high frequency, air-core
- Applied superconductivity - motors, generators, MRI magnets
- Low carbon propulsion for aircraft

<http://haran.ece.Illinois.edu>



High Specific Power
non-cryo



High speed, high frequency (3-10kHz fundamental), air-core

High flux density (up to 10T), actively shielded, low & high temperature superconductors

Superconducting
Machines

Low carbon electric propulsion for
aircraft

Integrated electric turbofans,
fault tolerance, electrical
system

