

	<ul style="list-style-type: none"> x Advanced supercomputing, including for AI applications x Edge computing and devices x Advanced cloud services x High-performance data storage and data centers x Advanced computing architectures x Advanced modeling and simulation x Data processing and analysis techniques x Spatial computing
Advanced Engineering Materials	<ul style="list-style-type: none"> x Materials by design and material genomics x Materials with novel properties to include substantial improvements to engine properties x Novel and emerging techniques for material property characterization and lifecycle assessment
Advanced Gas Turbine Engine Technologies	<ul style="list-style-type: none"> x Aerospace, maritime, and industrial development and production technologies x Full-authority digital engine control, helicopter manufacturing, and associated technologies
Advanced and Networked Sensing and Signature Management	<ul style="list-style-type: none"> x Payloads, sensors, and instruments x nd269

- x Renewable and sustainable chemistries, fuels, and feedstocks
- x Nuclear energy systems
- x Fusion energy
- x Energy storage
- x Electric and hybrid engines
- x Batteries
- x Grid integration technologies
- x Energyefficiency technologies
- x

Semiconductors and Microelectronics

- x Design and electronic design automation tools
- x Manufacturing process technologies and manufacturing equipment
- x Beyond complementary metal-oxide-semiconductor (CMOS) technology