

ENERGY IN AN INFORMATION AGE

Leading energy innovation at the intersection of the physical and digital worlds



Georgia Tech
Strategic Energy
Institute

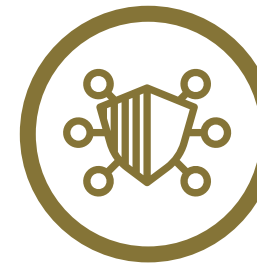
DIGITAL

Operations Research / Optimization



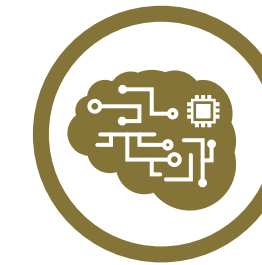
- Home to the Center for Predictive Analytics & Intelligent Systems
- Leading Operations Research group in U.S.

Cybersecurity



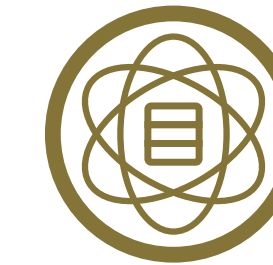
- #1 ranked School of Cybersecurity by USNWR
- Full infrastructure for classified work
- >400 expert researchers

Machine Learning / Artificial Intelligence



- 3 NSF Artificial Intelligence Institutes
- Institute for Robotics & Intelligent Machines

Computing / Data Science



- Serving 900 members across 16 states through NSF Big Data Hub
- Institute for Data Engineering & Science

PHYSICAL

Energy Sources



- Leading Direct Air Capture Center
- Crosscutting hydrogen & renewable fuels programs
- Center for Energy & Geo Processing

Generation



- >100 faculty working in wind, solar, nuclear & gas turbines
- Largest university combustion test facilities in US

Transmission & Distribution



- >40 faculty working in batteries & fuel cells
- Largest intelligent power systems program
- >40 NEETRAC consortium members including utilities & suppliers in electric power research & testing

Infrastructure



- Home to USDOT National Center for Transportation Systems Productivity & Management
- Testbeds for autonomous & connected vehicles
- Digital Building Laboratory & Living Labs

Supply Chain



- World's largest supply & logistics education program
- Major industry & federal programs in digital thread & manufacturing
- Georgia Manufacturing Extension Partnership
- Integrated Assessment Centers