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GTRI Signal
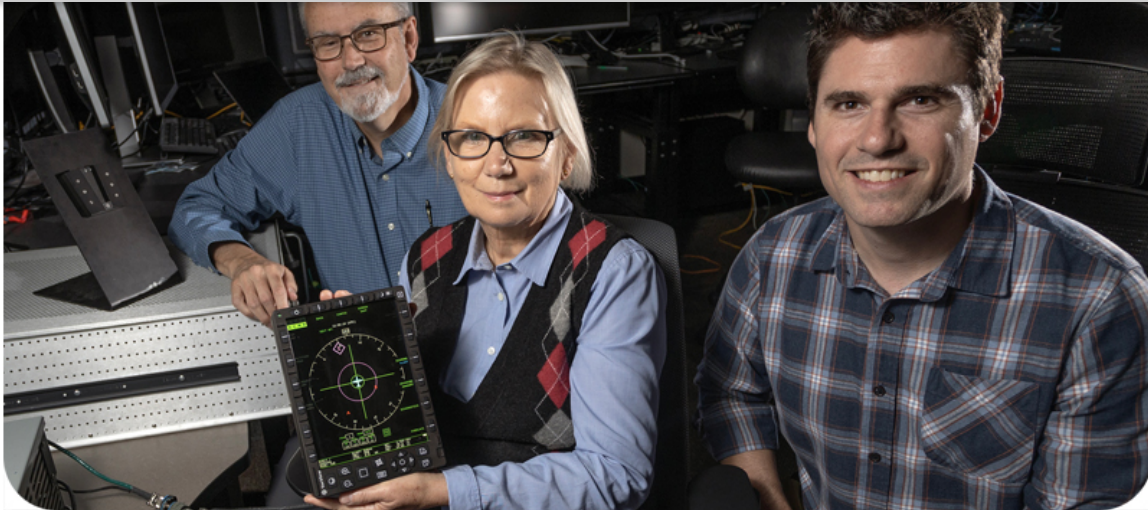## MONTHLY RESEARCH NEWSLETTER

Georgia Tech
Research Institute

AUGUST RESEARCH NEWS

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GridTrust Helps Protect the Nation's Electric Utilities from Cyber Threats

A new cybersecurity technology that relies on the unique digital fingerprint of individual semiconductor chips could help protect the equipment of electrical utilities from malicious attacks that exploit software updates on devices controlling the critical infrastructure.

AIECS Integrates Threat Information to Help Protect Air Mobility Crews

Aircrews flying in hostile airspace must often make split-second decisions responding to the threats they may encounter. A new defensive system planned for installation on C-130H transport aircraft integrates on-board and off-board information about those threats into a single display, allowing crewmembers to rapidly understand and respond.

GTRI's Professional Education Program Provides Real-World Training to Current, Future Leaders

GTRI's Professional Education program offers over 100 distinct courses taught by more than 160 instructors. During FY22, the program delivered a total of 184 courses, predominantly catering to organizations such as the U.S. Department of Defense (DoD) and various government sponsors.

[Phoenix Challenge: Collaborating to Improve the Information Environment](#)

Nearly 250 attendees from more than 200 government, academic, and industry organizations convened recently at GTRI for the Phoenix Challenge to discuss how misinformation, disinformation, and the propagation of bad information may affect the world – and how organizations across those three sectors can work together to address growing concerns about their effects.

FEATURED

[Episode 21](#)

This episode of the Georgia Tech Research Podcast features GTRI Senior Research Scientist Nicole Kosoris and Senior Research Engineer Alexis Noel, who discuss their work utilizing virtual reality (VR) as a training tool for our military personnel.

Two GTRI Researchers Honored with Regents' Researcher Title

GTRI IN THE NEWS

Could a semiconductor chip's "digital fingerprint" help protect utilities from cyber threats? (Power Grid International)

US Air Force's Angry Kitten Turns Reaper Drone Into Fierce Feline of Electronic Warfare (Association of Old Crows)

GridTrust Helps Protect the Nation's Electric Utilities from Cyber Threats (Metro Atlanta CEO)

ATRP: celebrating the past, looking toward the future (Poultry Times)

FEATURED VIDEO

GridTrust is a cybersecurity project that relies on the unique digital fingerprint of individual semiconductor chips and cryptographic technology to help protect the equipment of electrical utilities. This video provides an overview of the project.

For more research news and features, please visit the **GTRI Newsroom**

GTRI is hiring. Learn more at **GTRI.gatech.edu/careers**

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