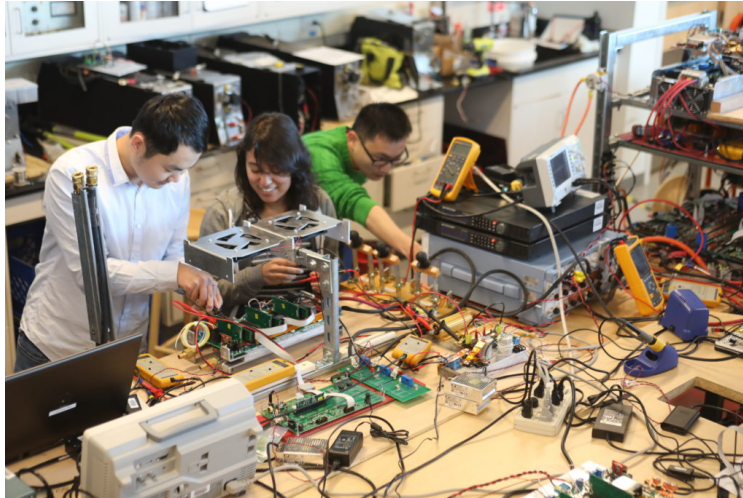




GRID INNOVATIONS

Center for Integrated Electric Energy Systems

Fall 2024

Welcome to the **fall edition** of Grid Innovations where we bring to you exciting updates from the Center for Integrated Electric Energy Systems (CIEES).

CIEES, which is a **New York State Center of Advanced Technology (CAT)**, enhances the development and integration of cutting-edge technologies into electric energy systems, working with industry partners and leveraging the technical and intellectual assets of Stony Brook University and Brookhaven National Laboratory. CIEES is located at the Advanced Energy Research and Technology Center (AERTC) in Stony Brook University's Research and Development Park.

For the last ten years, CIEES has been a leader in advancing energy systems, focusing on critical areas such as grid infrastructure, behind-the-meter integration, and sustainable energy solutions. Looking forward, we believe we can do even more to drive innovation and make an impact. As we prepare for our next phase of growth, we have developed a strategic plan to grow and strengthen our Advisory Board, adding critical experts that will be instrumental in guiding our strategic direction and enhancing our impact in this dynamic field. This strengthened Advisory Board will be involved in all aspects of CIEES from reviewing Center progress and initiatives through actively supporting our industry projects, serving as a guiding influence for both projects and partner companies.

We are proud to announce the following new Advisory Board members:

- Jim Acquaviva - AERTC
- Joe Ambrosio - UES
- Andy Coleman - EPRI
- Steve DeCarlo - Colliers Engineering
- Carrie Meek Gallagher - NYS DPS (LI)
- Jon Longtin - SBU
- King Look – ConEd
- Fang Luo - SBU
- Paul Schwartz – Pine Creative
- Werner Schweiger - LIPA
- Carlos Trevino - Newlab

The CIEES team welcomes our new Advisory Board members and looks forward to working closely with them as we continue to look to drive economic impact and innovation growth throughout NYS.

How do we do that?

Through collaborative projects with industry and working closely with NY-based industry innovators to understand their wants and needs, assembling the appropriate resources, such as our updated Advisory Board, to provide them with a solution. These projects are funded by the industry partner with CIEES providing much needed matching funds to make the effort more cost effective.

Please feel free to reach out to learn more about our offerings and how we can help leverage our resources for your benefit.

Regards,

David Hamilton

Interim Center Director, CIEES

CIEES ADVISORY BOARD

Student Success Story





Dillion Cottrill

Dillion is pursuing a Ph.D. in physics at Stony Brook University, driven by his passion for advancing nuclear fusion technology. His research focuses on developing devices to manage the confinement of extremely hot plasma using ultra-cold magnets, contributing to innovations in high-temperature magnetic confinement fusion reactors.

Research Focus and Contributions

Dillion is currently working on Thea Energy's project to create the world's first intermediate-scale magnetically confined fusion reactor. His work focuses on understanding transient quench events in the type two superconductors used in their unique stellarator.

Partner of CIEES



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A Pioneering Force



[**Read More**](#)

UPCOMING EVENT

NYS Innovation Summit

**Oct 28-29, 2024
Syracuse, NY**

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Stony Brook, NY 11794-6040

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