

# BAE Systems Think Tank

## THE CONCEPT

BAE Systems, Inc. is excited to partner with several institutions across the USA to sponsor this year's BAE Systems Think Tank.

This effort gives students an opportunity to showcase their technical and entrepreneurial skills by preparing a white paper in response to a set of proposed topics. Just like we do in BAE Systems when responding to our USA Government technological needs.

Authors of the selected white papers will receive cash prizes starting in \$1,000.

## PARTICIPANTS WILL

- Get an insight into the world of proposal development
- Acquire experience on how to write white papers
- Develop skills for proposal preparation for funding request
- Analyze the business side of science and technology
- The best white papers will receive a monetary award

## TOPICS OF INTEREST

**Topic 1.** Robust Output Validation for GenAI: Developing Novel Methods to Detect and Mitigate Errors, Biases, and Adversarial Attacks

**Topic 2.** Revitalizing the US Semiconductor Industry: Innovative Solutions for Domestic Chip Manufacturing and Supply Chain Resilience

**Topic 3.** The Spectral Bandwidth Conundrum: Challenges in Electro-Optical Sensing

For questions, email: [thinktank.es@baesystems.us](mailto:thinktank.es@baesystems.us)  
Only between October 13 and 17

## EXPECTATIONS

Teams of 1 to 3 students, USA citizenship is required to participate.

White papers must be between 1 and 2 pages in length, single spaced, with font size 12, Times New Roman or Tahoma.

White papers must contain a technical approach section, followed by cost analysis of the idea with market assessment.

Students will deliver the white papers in \*.pdf\* format on or before the due date.

A set of BAE Systems and University Professors will score the white papers and communicate consensus to each campus.

