



WE ARE EXCITED TO SEE YOUR POSTER PRESENTATION!

DEADLINE FOR SUBMISSION: OCTOBER 9, 2023

Spark Innovation, Cultivate Collaboration, and Gain Recognition at AeroDef's 2023 Student Research Poster Pitch Presentation Challenge!

AeroDef and SME are delighted to extend a special invitation to the upcoming generation of researchers, engineers, and industry professionals. Embrace the chance to participate in AeroDef's 2023 AeroDef Student Research Poster Pitch Presentation Challenge—a unique opportunity for students to present their cutting-edge research to an engaged and well-connected community of aerospace and defense experts.

SUBMIT YOUR POSTER ABSTRACT

Eligibility:

The competition is open to registered students in their junior or senior year of their undergraduate program; graduate-level degree engineering programs. Currently enrolled undergraduate and graduate students will need to provide their advisor's contact information. Abstracts will be accepted from undergraduate students, graduate students.

Topic Areas:

Submission should address research, case studies and/or industrial applications to include, but are not limited to the following areas within advanced manufacturing:

- Additive Manufacturing/3D Technology
- Automation & Robotics
- Composites & Advanced Materials
- Cybersecurity
- Digital Technologies
- Industrial Internet of Things (IIoT)
- Integrated Assembly
- Precision Machining
- Finishing & Coatings
- Quality, Measurement & Inspection
- Smart Manufacturing

Students must provide a description of the design along with supporting figures and photographs. Presentations will be judged on a number of factors, including:

Poster Pitch Rubric

TECHNICAL CONTENT 60%

- Introduction, Background and Objectives
- Methods and Approach
- Manufacturing Relevancy and Impact

- Conclusion

SOFT SKILLS 30%

- Oral Communication
- Visual Display
- Responsiveness

JUDGES DISCRETION 10%**SUBMIT YOUR POSTER ABSTRACT****Guidelines:**

Presenters need to present a summary of their research to interested attendees and judges. Teams will be limited to 5 minutes for their formal pitch presentations. Judging will take place on Wednesday, November 8, 2023 from 2:30 to 4:00 pm. All students will receive complimentary AeroDef conference pass for poster abstracts that are accepted.

Prizes & Awards

Posters and Presentations will be judged and there will be two first place awards (undergraduate and graduate), two second place awards (undergraduate and graduate). Cash prizes and awards, listed below (subject to the quality of the entries), will be presented at AeroDef Manufacturing Thursday, November 9, 2024. Prizes include: (Awardees must be present to accept the prizes.)

- First Prize is \$1000 and a 1yr subscription to Tooling U-SME online classes
- Runner-up is \$500
- A certificate of achievement.
- A complimentary, one-year SME membership.
- A recognition letter sent to the winner with a copy sent to the university advisor/educator.
A recognition letter sent to a student newspaper/technical publication designated by the winner

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