THE AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS (AIAA) & THE AIAA SPACE SYSTEMS TECHNICAL COMMITTEE (SSTC) INVITE YOU TO PARTICIPATE IN THE

2022 SSTC STUDENT ESSAY CONTEST
THEME: “Describe a space mission that integrates at least 3 of the following system capabilities: autonomous systems; disaggregated satellites or platforms; on-orbit servicing, assembly, and manufacturing; in-situ resource utilization; small satellites; data analytics; optical and radio communications; advanced propulsion, advanced sensors (low mass, high-sensitivity, quantum, etc.). What is the objective of this mission, and how will the mission achieve the objective?”

REQUIREMENTS:
• Typewritten essay, double-spaced, Times New Roman, 12 pt. font, in 1,000 words or less
• Include student name, teacher name, grade, and school name printed at the top of the essay
• Submit essay to your local section, with student and teacher’s: name, phone, e-mail, and mailing address for notification and awards in the body of the email

DEADLINE: Final submission deadline to local AIAA section officers is April 30, 2022. Local winners and their teachers will be notified in May 2022. National winners and their teachers will be notified in June 2022.

JUDGING CRITERIA:
1. Originality of ideas presented (30%)
2. Soundness of logic used to develop ideas (30%)
3. Realism of ideas presented (20%)
4. Quality of composition & clarity of expression (20%)

NATIONAL PRIZES: 1st place will be awarded $125, 2nd place will be awarded $75, and 3rd place will be awarded $50. Winners are publically announced in the September 2022 issue of Aerospace America magazine.

ELIGIBILITY: Any seventh or eighth grader (or equivalent). Please contact your local section officers (https://www.aiaa.org/get-involved/regions-sections) to confirm they will be accepting entries. For local sections not participating, you may submit to “at-large” through Jeff Puschell, jjpuschell@raytheon.com.

QUESTIONS: Email Anthony Shao-Berkery and Erica Rodgers (ant.shao@gmail.com, erica.rogers@nasa.gov)