

# The 12<sup>th</sup> Spacecraft Control System Design Contest

The contest will provide two awards:

- ☆ Mitsubishi Electric Spacecraft Control System Design Contest Award
- ☆ Remote Sensing Satellite Control System Design Contest Award

Each participant may try either one or both problems, aiming accordingly for one or two awards.



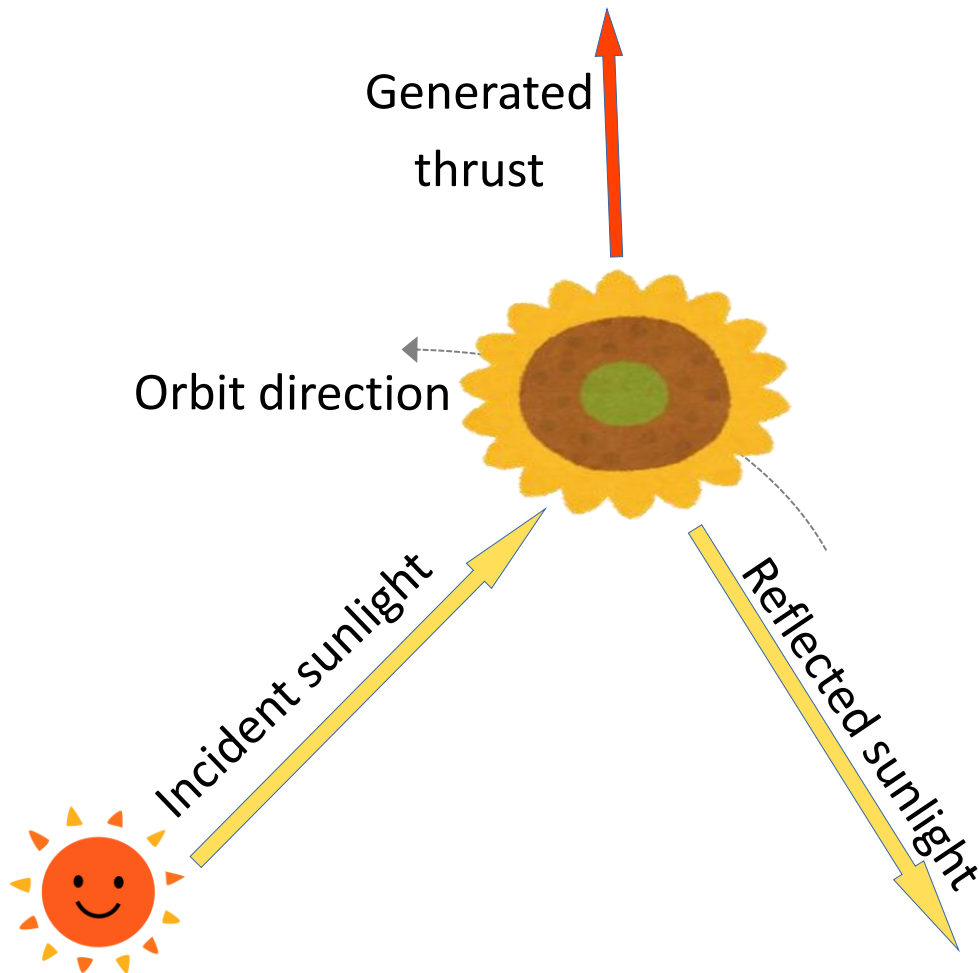
Competition and discussion at the contest.



Awarded participants at the ISTS closing ceremony.

Details of the problems and the program source code are scheduled to be released on the website around **May 2025**.

# Mitsubishi Electric Spacecraft Control System Design Contest Award



## Sunflower

Orient a solar sail at a specified angle to the Sun for continuous thrust, balancing rapid orientation change and propellant saving.

The applicant that achieves the highest score is awarded with extra prize.  
The total prize money is ¥90,000.

# Remote Sensing Satellite Control System Design Contest Award

## Eagle Eye

Control the satellite attitude while considering angular momentum in very low Earth orbit, where aerodynamic torque is significant, to accurately capture more remote sensing images.

The applicant that achieves the highest score is awarded with extra prize.

The total prize money is ¥90,000.

