

*Joint Symposium*



**The 34th**

**& 12th NSAT**  
Nano-Satellite Symposium

**ISTS**

International Symposium on  
Space Technology and Science

**June 3-9, 2023**

**Kurume City Plaza**

**Kurume, Fukuoka, Japan**



*“Space for All of Us”*

***Call for Papers***

Abstract Submission on line at

**<https://ists.ne.jp/>**



Abstract Deadline : October 31, 2022

\*Deadline for Student Session Full paper (TBD)

Notification of Acceptance : End of December, 2022

Paper Upload Deadline : April 30, 2023



The Kuruppa,  
image character of Kurume City.

Organized by



Japan Society for Aeronautical  
and Space Sciences



## Joint Symposium

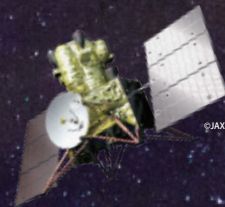


The 34th

& 12th NSAT  
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# ISTS

International Symposium on  
Space Technology and Science



June 3-9, 2023  
Kurume City Plaza  
Kurume, Fukuoka, Japan

*"Kurume in Fukuoka : Space for All of Us"*

## Call for Papers

## Second Announcement

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### Synopsis

The 34th ISTS Organizing Committee and the Japan Society for Aeronautical and Space Sciences (JSASS) would like to invite individuals of all nations interested in space-related activities to participate in this event. The 34th ISTS will be held under the main theme of "Space for All of Us". We are also very glad to hold together 12th Nano-Satellite Symposium(NSAT) jointly with ISTS. Please join us at this event in Kurume, Fukuoka.

### Venue

The Perfect Balance between City and Countryside Kurume is a medium-sized city in Fukuoka Prefecture, Japan. Located 30 minutes by local train (17minutes by Shinkansen) and less than an hour by car from Fukuoka City, Kurume is a transportation hub for southern Fukuoka Prefecture. Why not take advantage of this convenient access to pick fruit year-round and be healed by Kurume's bountiful nature and beautiful flowers? The blessings of nature have also produced a diverse food culture here. For example, Kurume is the birthplace of tonkotsu (pork-bone broth) ramen and is known for its abundant array of ingredients for yakitori (grilled meat on a stick). With sake breweries that are attracting attention around the world, Kurume is satisfying the appetites of visitors within and beyond Japan. Kurume is also known as "the birthplace of rubber Industry". For more <https://welcome-kurume.com/en/>

### Sessions

#### ◆ Plenary Special Programs after the Opening Ceremony

- Special Program 1: World Space Activities
- Special Program 2: TBD

#### ◆ Organized Sessions (TBD)

#### ◆ Technical Sessions

- a) Chemical Propulsion and Air-breathing Engines
- b) Electric and Advanced Propulsion
- c) Materials and Structures
- d) Astrodynamics, Navigation Guidance and Control
- e) Fluid Dynamics and Aerothermodynamics
- f) Small Satellite : Joint session with 10th NSAT
- g) Space Transportation
- h) Microgravity Sciences and Technology
- i) Thermal Control
- j) Satellite Communications, Broadcasting and Navigation
- k) Science and Technology for Human and Robotic Space Exploration
- m) Sounding Rocket, Balloon and Flight Experiment using Small Flight Vehicle
- n) Earth Observation
- q) Space Power Systems
- r) Space Environment and Debris
- t) Systems Engineering and Information Technology
- u) Space Education and Outreach for the Benefit of All People
- v) Space Law, Policy and History
- w) Safety and Mission Assurance

#### ◆ Student Session

Special prizes will be awarded for meritorious papers.

#### ◆ Poster Session

#### ◆ Cultural Night (TBD)

#### ◆ Spacecraft Control System Design Contest

Awards are given to the upper players of outstanding control algorithms.

### Registration Fee

Early Registration	60,000 yen
On-site Registration	75,000 yen
Early Student (ID Required)	15,000 yen
On-site Student (ID Required)	25,000 yen
Accompanying Person	10,000 yen

Pre-registration will be available on the web. Instruction and further information for electronic and on-site registration will be given in the final announcement. Fees for regular and student participants include On-site Digital Medium, which will include all the papers presented at the Symposium. Participants who are not pre-registered will be unable to give a presentation. Please be aware that only the regular and the student participants will be allowed to present a technical paper at the Symposium. Accompanying persons cannot attend any technical sessions.

### Paper Distribution

All the papers presented at the 34th ISTS will be distributed on a paper download web site for convenience of all the regular and student participants. They are also will be open to public through the ISTS Web Paper Archives Site after the symposium.

### Scholarship Program

The 34th ISTS will offer scholarship for limited number of students who are not Japanese citizens and live outside of Japan at the time of application.

### Important Dates

Online Abstract Submission Open	Sep.3, 2022
Deadline for Abstract	Oct. 31, 2022
Special Deadline for Paper Upload only for Student Session	Feb. 1, 2023
Notification of Acceptance for All authors	End of Dec, 2022
Notification of Presentation Schedule for All Authors	March. 1, 2023
Notification of Selection Results for Student Session	
Second Announcement and Tentative Program Issue	
Online Pre-registration Open	April.30, 2023
Online Paper Submission Open	
Deadline for Paper Upload	April.30, 2023
Deadline for Pre-Registration	TBD

Note: The author, who has not uploaded the paper by the deadline, is NOT allowed to make a presentation under the "No Paper, No Presentation" policy.