

# *TRiSTAR Symposium 2025 "Sora'rium"*

Interdisciplinary fusion of knowledge and technological innovation to open up new fields in space: medicine, food, residence, learning, and entertainment

M

Space  
Medicine

F

Food in  
Space

R

Residence in  
space

L

Learning in  
Space

E

Entertainment  
in Space

## *TRiSTAR Symposium 2025 "Sora'rium"*

Date and time: October 29, 2025, 10:00-17:30

Venue: University Hall, University of Tsukuba

Target: Anyone (content is aimed at researchers)

Participation fee: Free

Reception: Fee required



Registration

### Organizer

TRiSTAR: Top Runner Development Program Engaging Universities, National Labs, and Companies

Implemented as the Ministry of Education, Culture, Sports, Science and Technology's "Strategic Professional Development Program for Young Researchers"

### Co-organizer

Space Field of Organization for Transformation CONNECT, University of Tsukuba





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Registration

The "TRiSTAR" program, the Top Runner Development Program Engaging Universities, National Labs, and Companies, is being implemented as part of the Ministry of Education, Culture, Sports, Science and Technology's "Strategic Professional Development Program for Young Researchers." The program is run by a consortium of 25 universities, national research institutes, and companies, including the University of Tsukuba, which serves as the representative institution. As part of the consortium's cross-disciplinary efforts across various fields and industries, the symposium will be held on the theme of "Space Design."

Space is not only a creative space that serves as a source of new innovation through "comprehensive knowledge" that combines specialized knowledge and experiential knowledge from various fields and the application of technological innovation to space, but it is also a place of "space entertainment" where people can enjoy a variety of experiences that cannot be experienced on Earth, such as sports and art in zero or low gravity. This symposium aims to create a "sora'rium" that designs space through the crossover of various fields and industries, not only regarding the medicine, food, and residence that will support comfortable space activities in future society, but also the new potential possibilities of space, such as how to learn from and enjoy space.

## Program & Session Themes

10:00-12:00

M

Space medicine, health monitoring, sleep management, psychological support, space life science, etc.

F

Space agriculture, microbial utilization, cultivation environment, remote sensing, etc.

13:00-16:30

R

Lunar surface construction, dust/insulation/temperature control, experiment automation, power devices, legal framework, etc.

L

VR/AI learning support, space-philosophy/psychology, DE&I, etc.

E

Zero gravity/low gravity sports/e-sports, space art/recreation, etc.

16:30-17:30

Panel Discussion

18:00-20:00

Reception

Fee required (general 5,000 yen/person, student 3,000 yen/person, pay in cash on site)  
"Demi" at University Hall, University of Tsukuba

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