

## **Mitsubishi Chemical and Sharp to Jointly Exhibit at 41st Space Symposium in Colorado, USA**

Mitsubishi Chemical Corporation (Head Office: Chiyoda-ku, Tokyo; President: Manabu Chikumoto; hereinafter “Mitsubishi Chemical”) hereby announces that it will jointly exhibit with Sharp Corporation (Head Office: Osaka City, Osaka; President Chief Executive Officer: Tetsuji Kawamura; hereinafter “Sharp”) at the 41st Space Symposium in Colorado, USA, to be held from April 13 (Monday) through 16 (Thursday), 2026. The companies will participate in the Japan Aerospace Exploration Agency (JAXA) booth.

### ■ Exhibition details

1. Development examples of heat dissipation devices for use in ultra-compact, lightweight satellite communication terminals designed for mobility applications

Ultra-compact, lightweight satellite communication terminals designed for mobility applications require a range of heat management technologies. Among these, the companies will specifically highlight heat dissipation, showcasing the technical details of the heat dissipation device currently under development and its effectiveness.



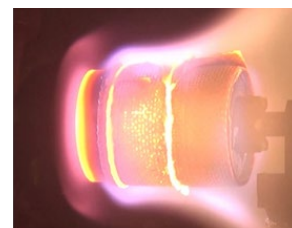
Small-scale prototype of a heat dissipation device

2. Advanced thermal management materials technologies for space applications

The exhibit will showcase application examples of materials manufactured by Composite Tailors Co., Ltd. that feature virtually zero thermal expansion, a crucial property for space telescopes. The companies will also present materials developed through joint research with JAXA that feature outstanding heat resistance, which is essential for space plane.



Application of zero thermal expansion



Arc wind tunnel heating test

The Space Symposium is a highly influential event that brings together major stakeholders from companies and organizations across the space industry, drawing attention as a global networking opportunity.

Mitsubishi Chemical will continue advancing next-generation business development in the space industry by sharing its latest technologies.

### [Outline of the 41st Space Symposium]

- Exhibition website: <https://www.spacesymposium.org/>
- Name of exhibition booth: Japanese Space Industry / JAXA
- Location of exhibition booth: Northrop Grumman Exhibit Center-Broadmoor Hall #111
- Exhibitor Information: [https://www.m-chemical.co.jp/en/products/departments/mcc/cmd/expo/1216918\\_8153.html](https://www.m-chemical.co.jp/en/products/departments/mcc/cmd/expo/1216918_8153.html)
- Mitsubishi Chemical's exhibition details: <https://www.m-chemical.co.jp/carbon-fiber/en/topics/20260304.html>

The above initiative is based on a joint development project agreed upon by four parties: Mitsubishi Chemical, Sharp, the National Institute of Information and Communications Technology (NICT), and Techlab Co., Ltd.  
[https://www.mcgc.com/english/news\\_release/pdf/02409/02663.pdf](https://www.mcgc.com/english/news_release/pdf/02409/02663.pdf)

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