

# The Japanese Tech Show

Six Japanese companies show their special space technologies, components and services and their secret stories. Also Japan Booth provides Special Business Talks beside the show. ONLY at Japanese Tech Show, you can reach more detailed specifications. ONLY at Japanese Tech Show, you can have communication and business talk with Japanese engineers and sales at Small Satellite Conference 2020. Don't miss it!

## Topics

### ➤ **Introducing Takasago Fluidic Systems**

#### **Masahiko Inoue, Takasago Electric, Inc.**

Takasago Electric provides fluid control components for many industrial fields for last 60 years. And recently started to develop and provide the space components, specializes in Valves and Pumps. Today we would like show the new micro thruster item as well as the miniature thruster valves suitable for small satellite/CubeSat propulsion system.

### ➤ **Compensated design aluminum telescope for cubesat**

#### **Kosuke Kiyohara, KIYOHARA OPTICS Inc./Crystal Optics Inc**

We developed compensated and optimized aluminum telescope for cubesat. KIYOHARA OPTICS has wide variety of experiences in R&D fields with high precision optics and design. Moreover its involved in HODOYOSHI project with University of Tokyo. Crystal Optics is very good at machining and polishing for large optics and opt-mechanical system, which is taking a part of ALOS-3 project.

### ➤ **Introduction of our strength and product**

#### **Interstellar Technologies Inc.**

We are the best located company to launch vehicles in the world allowing for launches to various inclination angles. Following successful launch of "suborbital MOMO", we are developing ZERO to launch a 100kg payload to a 500 km SSO for small satellites.

### ➤ **Low Thermal Expansion Ceramics for Space Optics**

#### **Masatsugu Kamiura, KYOCERA CORPORATION**

Kyocera Corporation, leading ceramic manufacturer WW, presents "Low Thermal Expansion Ceramics for Space Optics". You can find the superior characteristics of our material compared to the conventional metal/glass material as well as the product application example such as optical mirrors and structural parts.

### ➤ **Space and Nikon**

#### **Hideaki Fujiwara, NIKON CORPORATION**

We have manufactured in a variety of custom-made space optics so far. Also putting our experiences to use, we have recently developed new space cameras, NSC-1 (high resolution type and wide swath type). We'll tell you about specifications for them and the relationship between space and Nikon in this time.

### ➤ **Water ion thruster and water resistojet thruster for a CubeSat**

#### **Jun Asawaka, Pale Blue Inc.**

Pale Blue Inc. provides two types of CubeSat propulsion systems: Water ion thruster and water resistojet thruster with affordable price and short lead time. The technology of both thrusters is based on years of research at the University of Tokyo and has been flight-proven by HODOYOSHI-4 (2014), PROCYON (2015), and AQT-D (2019).

**Facilitated by Shinsaku Nakamura, Japan Space Systems**

## Special Business Talks

Do not miss another chance to talk with Japanese engineers and sales privately.

Date: August 4, 2020

Time: 17:00 – 20:00

Registration URL: <https://forms.gle/oYaSXau21QHQ292J7>