

Press Release

September 25 , 2024

ardupilot.org



Drone Japan Co., Ltd.



"ArduPilot Developer 's Conference"

Japan's first international drone engineering conference to be held in Kaga from October 25th to 27th

~20 countries around the world Top drone open source (ardupilot) engineers gather in Kaga City Japan's first international conference to present and examine autonomous drone control technology~



(Event logo)

Drone Japan Co., Ltd. (Headquarters: Chiyoda-ku, Tokyo, CEO: Kiichiro Katsumata) has been running the "Drone Engineer Training School" for eight years since May 2016, a human resources development project for domestic drone open source (ardupilot) engineers, together with Randy McKay (CEO and lead engineer of ardupilot.org).

ArduPilot.org and Drone Japan (organizers) will be holding the international conference "ArduPilot Developers Conference" from October 25th to 27th in Kaga City (co-organizers, Mayor: Miyamoto Riku),

bringing together ArduPilot engineers who are contributing to the development of drone technology from around the world.

*Drone Engineer Training School (https://www.drone-j.com/project/engineer_training/)

*ardupilot.org (<https://ardupilot.org/>)

1. What is the "ArduPilot Developers Conference"?

This is arduPilot.org's flagship event of the year, providing an opportunity to present and exchange ideas on the latest drone autonomous control technologies.

In 2024, we will hold the first ever international drone engineering conference in Japan, bringing together approximately 100 engineers and partners from 20 countries in Kaga City, Ishikawa Prefecture, which is also co-hosting the event.

2. Overview

Organized by: Ardupilot.org & Drone Japan

Location (partially co-sponsored):Kaga City, Ishikawa Prefecture

(Related URL: <https://www.city.kaga.ishikawa.jp/soshiki/innovation/chiikidigital/puresu/index.html>)

Sponsoring partners: (in alphabetical order)

- Aero Systems West (USA) <https://aerosystemswest.com/>
- CUAV (middle) <https://www.cuav.net/en/home-2/>
- CubePilot (Australia) <https://www.cubepilot.com/#/home>
- EAMS ROBOTICS (Japan) <https://www.eams-robo.co.jp/>
- Holybro (Hong Kong) <https://holybro.com/>

Date: Friday, October 25th to Sunday, October 27th, 2024

Participants:ArduPilot engineers and partners from around the world,
approximately 100 people from 20 countries

3. Content of the meeting

This will be a technical presentation meeting for the drone control programs developed by participating engineers and the drones equipped with them, as well as a demonstration of their navigation and driving.

The following topics are planned as the main technical areas.

Further details of the presentations and demonstrations will be announced at a later date.

- Self-location estimation
- Obstacle collision avoidance
- Autonomous control in non-GPS (indoor) environments
- Stable navigation on land and water
- Aircraft security measures
- Redundancy measures

<Contact Information>

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