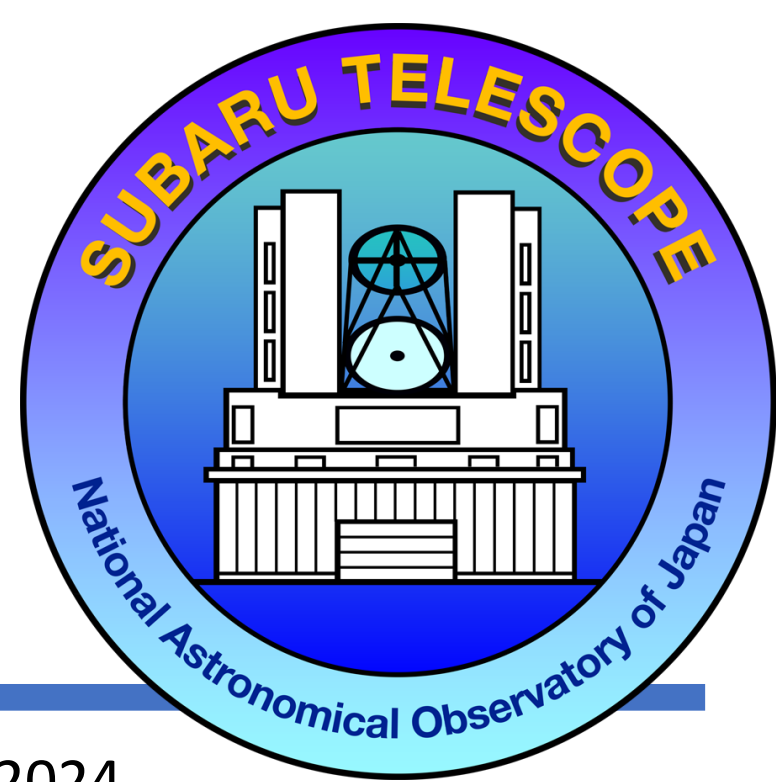


PI-type instrument activities at Subaru Telescope



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Subaru Users' Meeting FY2023, 1/23-25/2024

Subaru Telescope have a PI-type instrumentation program, which aims to bring astronomical productivities in its operation phase and/or test a purely engineering purposes such as a demonstrator of novel technology and application, to cover a beyond area of activities that the facility instruments cover. In FY2023, we are revising and updating the approval process of PI-type instrumentation program. The new approval process encourages PI-type instrument activities, maximize outputs, and defines the roll of the observatory. Please feel free to contact observatory staffs if you have a concept of new instrument at Subaru Telescope.

1. PI-type Instrument Program at Subaru Telescope

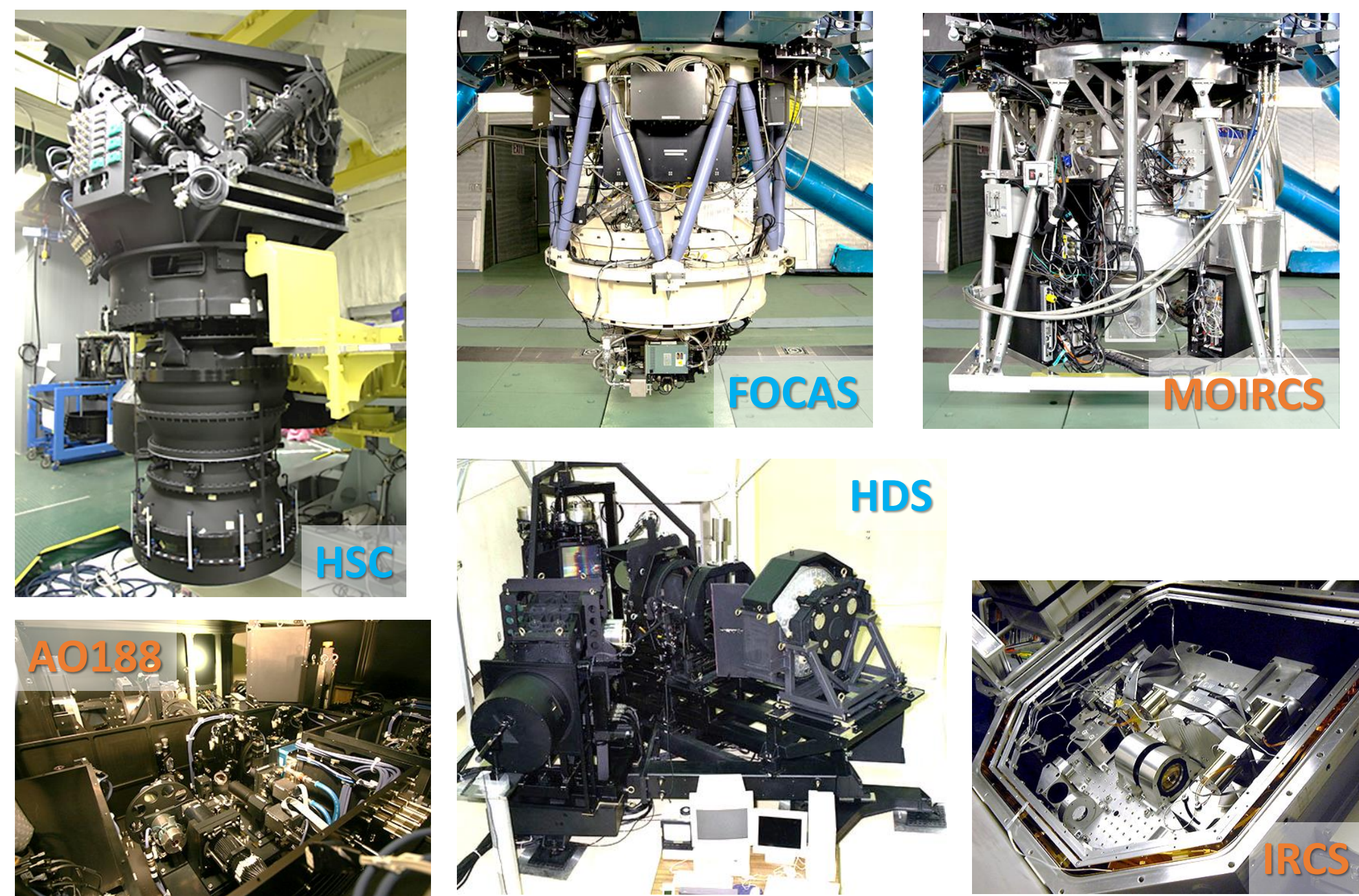
PI-type Instruments

- For unique science/engineering
 - Short-term development
- Developed by PI-team
 - Operated by PI-team
 - Maintained by PI-team
- Basically, all activities of PI-type instrument at Subaru Telescope shall be covered by PI team's manpower and budget.

Phase-I	Phase-II	Phase-III	Operation
<ul style="list-style-type: none">• We are communicating with some groups for concepts of new instruments. <p>→ For details, please check posters from PIs.</p>	<ul style="list-style-type: none">• NINJA• K-REACH• HDS-Comb• COMICS• nIC-WFS• AO3K• Tech-IFU	<ul style="list-style-type: none">• Ultimate-START• Prototype WFS• Turbulence Profiler• LTAO-WFS	<ul style="list-style-type: none">• CHARIS• FastPDI• IRD• MEC• REACH• SCExAO• VAMPIRES• NsIR-WPU *• NIR-WFS * <p>* PI-type Devices</p>

Facility Instruments

- For general science
- Stable, repeatable, and continuable
- Operated by Subaru Telescope
- Maintained by Subaru Telescope



2. Approval Process for PI-type Instrument

→ You can find the procedure at :



<https://www.subarutelescope.org/Observing/Instruments/>

