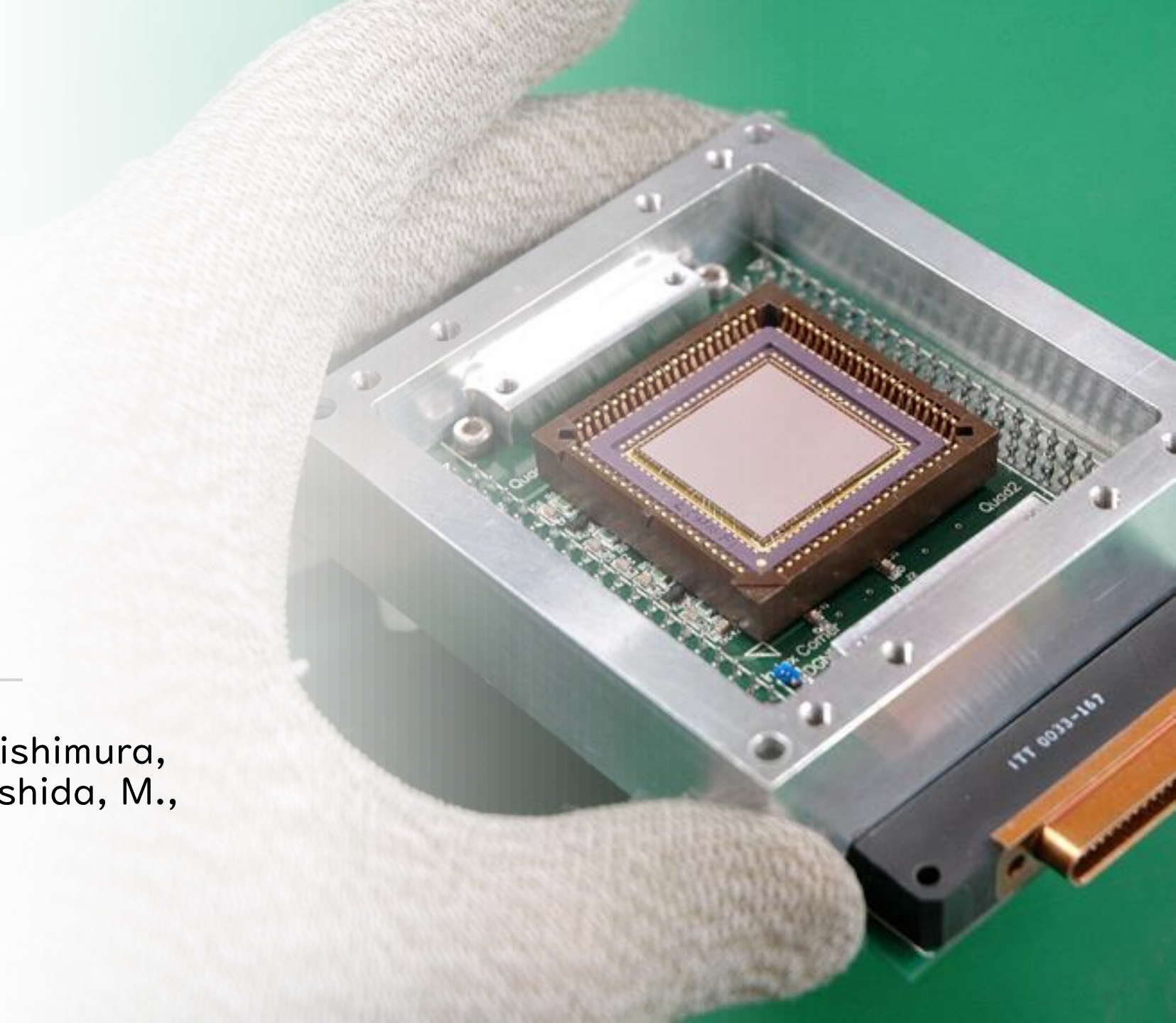


A Report on Infrared Array Detector Transfer Project

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Summary

- The Subaru Telescope has transferred used infrared detectors to the Japanese optical and infrared community free of charge. Used detectors refer to those that were previously employed in Subaru Telescope instruments and are currently not in use. The objective of this project is to support university instrument development and expand the achievements of astronomy.
- So far, we have carried out two rounds of calls for proposals and chosen recipients for four detectors (HAWAII-2, HAWAII-2, InSb 256x256, and Si:As 320x240). This poster will present an overview of the project and its results.
- As there are still unused used infrared detectors that have not been distributed, we plan to continue with further open calls for proposals in the future. If you are interested, please contact us.

Qualifications for Application and Required Documents

- **Eligibility**
 - Applicants must be affiliated with a university or a research institution recognized as a public institution.
 - Those who are approved by the Director of NAOJ's Subaru Telescope
- **Application Procedure · Application Documents**
 - To be posted on the public call for applications page.
- **Documents to be submitted**
 - Detector utilization plan (describe the purpose of use and scientific significance)
 - Detector management plan (describe the management plan for the detector itself and detector drive information)
 - Major publications on the instrument (up to 3 papers)

Screening Process

- Examination of Detector Utilization Plan
 - Ranked based on purpose of use, scientific significance, etc.
 - Reviewed by those recommended by the Subaru Science Advisory Committee and NAOJ staff members appointed by the Director of the Subaru Telescope
- Examination of Detector Management Plan
 - Examination that the applicant's institution has an appropriate infrared detector management system in place
 - Reviewed by a NAOJ staff member appointed by the Director of Subaru Telescope
- Based on the screening results, the Director of Subaru Telescope determines the transferee.
- Applicants will be notified of the selection results.

First public call and its results

Deadline for applications	Dec. 20, 2019
Detector	HAWAII-2
Instrument the detector was attached	MOIRCS
Total number of applications	3
Transferee	Ita-san (Tohoku U.)
Status	Transfer completed



Fig.1 We handed the detector to Ita-san, who confirmed that there was no damage to the detector in transit.

Second public call and its results

Deadline for applications	Dec. 2022		
Detector	HAWAII-2	InSb 256 x 256	Si:As 320 x 240
Instrument the detector was attached	F-MOS	MIRTOS	COMICS
Total number of applications	2	3	1
Transferee	Iwamuro-san (Kyoto U.)	Sakanoi-san (Tohoku U.)	Honda-san (Okayama U. of Sci.)
Status	Transfer completed	In the process of transferring*	In the process of transferring*

* Information is being exchanged with detector manufacturers for the purpose of notification to the U.S. Department of Commerce.

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