



ALMA BOARD MEETING April 10-12, 2024

PUBLIC SUMMARY

The ALMA Board convened in Washington, DC, between the 10 and 12 of April 2024, with the following attendees:

Board Chair	Toshikazu Onishi (EA)
Board Vice-Chair	Linda Tacconi (EU)
Board Members	Daniel Weselka (EU)
	Eduardo Ibar (CL)
	James Di Francesco (NA)
	Joe Pesce (NA)
	Karin Öberg (NA)
	Mamoru Doi (EA)
	Tom Ray (EU)
	Tony Beasley (NA)
	Toru Yamada (EA)
	Xavier Barcons (EU)
Board Assessors	Andreas Kaufer (EU)
	R. Chris Smith (NA)
	Satoru Iguchi (EA)
Board Secretary	Catalina Margulis
JAO	Sean Dougherty (ALMA Director)
	Norikazu Mizuno (ALMA Deputy Director of Operations and Head of Engineering)
	Álvaro González (ALMA Deputy Director of Development)
	Cristián Puentes (Head of Administration)*
	Iván López (Health, Safety and Environmental Manager)*
	John Carpenter (Observatory Scientist)
	Jorge Ibsen (Head of Computing)*
	Rafael Mena (Human Resources Manager)*
	Sergio Martin (acting Head of Science Operations)*
	Valeria Foncea (Education and Public Outreach Manager)*
Executives	Adam Cohen (AUI President)

	Elizabeth Humphreys (ESO ALMA Programme Manager)
	Luis Chavarría (ESO Representative in Chile)
	Misato Fukagawa (NAOJ ALMA Program Manager)
	Paulina Bocaz (AUI/NRAO Representative in Chile)
	Phil Jewell (NRAO ALMA Program Manager)
	Teruyuki Watanabe (NAOJ Representative in Chile)
ASAC Chair	Stefanie Milam
Observers	Bruno Leibundgut (EU)
	Chin-Fei Lee (NA)*
	Crystal Brogan (NA)*
	María Diaz Trigo (EU)
	Martin Zwaan (EU)
	Bunyo Hatsukade (EA)*

*Attended remotely

PUBLIC SUMMARY

The ALMA Board held its April 2024 in Washington, DC.

The Board's Chair, Toshikazu Onishi, welcomed all Board members, assessors and attendees, noting especially the attendance of Stefanie Milam, the new ASAC Chair, who was attending her first Board meeting.

In addition to other matters during the meeting, the Board:

1. Reviewed the status of ALMA
2. Reviewed the status of Cycle 10
3. Reviewed the status of Cycle 11 call for proposals
4. Received the ASAC report from the ASAC Chair
5. Reviewed the status of the Wideband Sensitivity Upgrade
6. Received the ABC Report from the ABC Chair

ALMA Overview and Cycle 10 update

The Board noted the presentation given by the ALMA Director, regarding the status of ALMA, including:

- The ALMA at 10-year conference in Puerto Varas in December 2024
- New capabilities in Cycle-11
- ALMA Science output
- ALMA post-WSU
- JAO risks, including obsolescence and aging of observatory systems

- Other JAO considerations, regarding Health, Safety & Environment – related matters.

The Board noted the Cycle 10 update presentation given by the Deputy Director of Operations, including:

- Status of Cycle-10:
 - Difficult start
 - Observatory-wide effort to catch up with the 4000 target
 - Excellent performance in data acquisition and data processing
- Key staff movements

Scientific Matters

The Board noted the presentations given by the Observatory Scientist, the Chair of the ASAC, and the Chair of the Board's Science Committee regarding:

- ALMA Science highlights
- JAO actions on the November 2023 Science Committee Report
- Update on measures taken to increase high-frequency observations with ALMA
- Assessment of ALMA's scientific capabilities, system performance and of scientific outcomes

Development Matters

The Board noted the presentation given by the Deputy Director of Development, regarding the status of the WSU, including:

- WSU highlights
- Introduction of WSU Conceptual System Design Description and Initial Program Plan
- Next steps
- Ongoing Regional Development Projects

Financial Matters

The ALMA Board noted the report of the ALMA Budget Committee on the 2023 budget execution and financial results and projections for 2024, under the current macroeconomic circumstances.

The Board was updated on current risks and challenges for the 2024 budget, including increased pressure in currency values and energy prices. An update on unplanned spendings was also provided to the Board.

Finally, the Board approved the 2023 carry-forward request to be spent within Q1 2024.