



Murthy S. Gudipati (JPL/Caltech) – Chair (Outgoing)

**LAD Objective: To advance our understanding of the Universe through the promotion of fundamental theoretical and experimental research into the underlying processes that drive the cosmos, in collaboration with astronomical observations and other complementary fields.**

# LAD Business Meeting Agenda

## June 5, 2023



- I. Chair's Report**
- II. Treasurer's Report**
- III. Amendments**
- IV. Open Mic**
- V. Adjourn**



# Chair's Report Agenda

**I. Leadership**

II. 2023 LAD Elections

III. Annual Metrics

IV. Past Year Highlights

V. 2023 Honors Nominations

VI. The Future



# LAD Executive Committee June 2023

**Chair**  
**Vice Chair**  
**Past Chair**  
**Treasurer**  
**Secretary**

Stefanie Milam (2023-2025)  
Nancy Brickhouse (2023-2025)  
Murthy Gudipati (2023-2025)  
Christiaan Boersma (2022-2025)  
Rachel Smith (2022-2025)



Christiaan  
Boersma



Andrew  
Mattioda



Catherine  
Deibel



Murthy  
Gudipati



Ami  
DuBois



Amy  
Gall

## Members-at-Large:

### •2021-2024

Brett McGuire (molecules)  
Dawn Williams (particles)

### •2022-2025

Ami DuBois (plasmas)  
Carrie Anderson (planetary)

### •2023-2026

Catherine M. Deibel (nuclear)  
Andrew Mattioda (dust/ice)  
Amy Gall (atoms)



Brett  
McGuire



Stefanie  
Milam



Carrie  
Anderson



Rachel  
Smith



Nancy  
Brickhouse



Dawn  
Williams





# Outgoing LAD Executive Committee Members



Carla Fröhlich (nuclear)



Edith Fayolle (dust/ice)



Joan Marler (atoms)

## Thank you

for your excellent service to the  
as the LAD Members-at-Large  
2020-2023



# Carla Fröhlich Certificate of Commendation

THE  
**Laboratory Astrophysics Division**  
of the  
**American Astronomical Society**

Presents this  
*Certificate of Commendation*

to

**Carla Fröhlich**

*For her services rendered to the Division  
as Member-at-Large during the period 2020-2023.*

*Presented 5 June 2023*



  
Murthy S. Gudipati  
Chair



# Edith Fayolle Certificate of Commendation





# Joan Marler Certificate of Commendation





# Outgoing LAD Vice-Chair/Chair/Past-Chair

## Thank you

for your excellent leadership of  
and service to the LAD  
2017-2023



Phillip Stancil



# Chair's Agenda

- I. Leadership
- II. **2023 LAD Elections**
- III. Annual Metrics
- IV. Past Year Highlights
- V. 2024 Honors Nominations
- VI. The Future



# Election Nominating Committee

- Edith Fayole (JPL), Chair
- Edward Brown (Michigan State University)
- Timothy R Kallman (NASA GSFC)



# 2023 Election Results

## **Member-at-Large (Atoms, 2023-2026):**

\*Amy C. Gall (CfA, Harvard)

Dennis Bodewits (Auburn University)

Chris Fontes (LANL)

Maurice A Leutenegger (NASA GSFC)



## **Member-at-Large (Dust/Ice, 2023-2026):**

\*Andrew Mattioda (NASA Ames)

Aigen Li (University of Missouri)



## **Member-at-Large (Dust/Ice, 2023-2026):**

\*Catherine Dreibel (LSU)

Matt Mumpower (LANL)

Chris Wrede (MSU)





# 2023 Election Results

## Vice Chair (2023 – 2029)

\*Nancy Brickhouse (CfA, Harvard)

Mike Hahn (Columbia University)

Ken Nollett (SDSU)

(\*Elected)



# Agenda

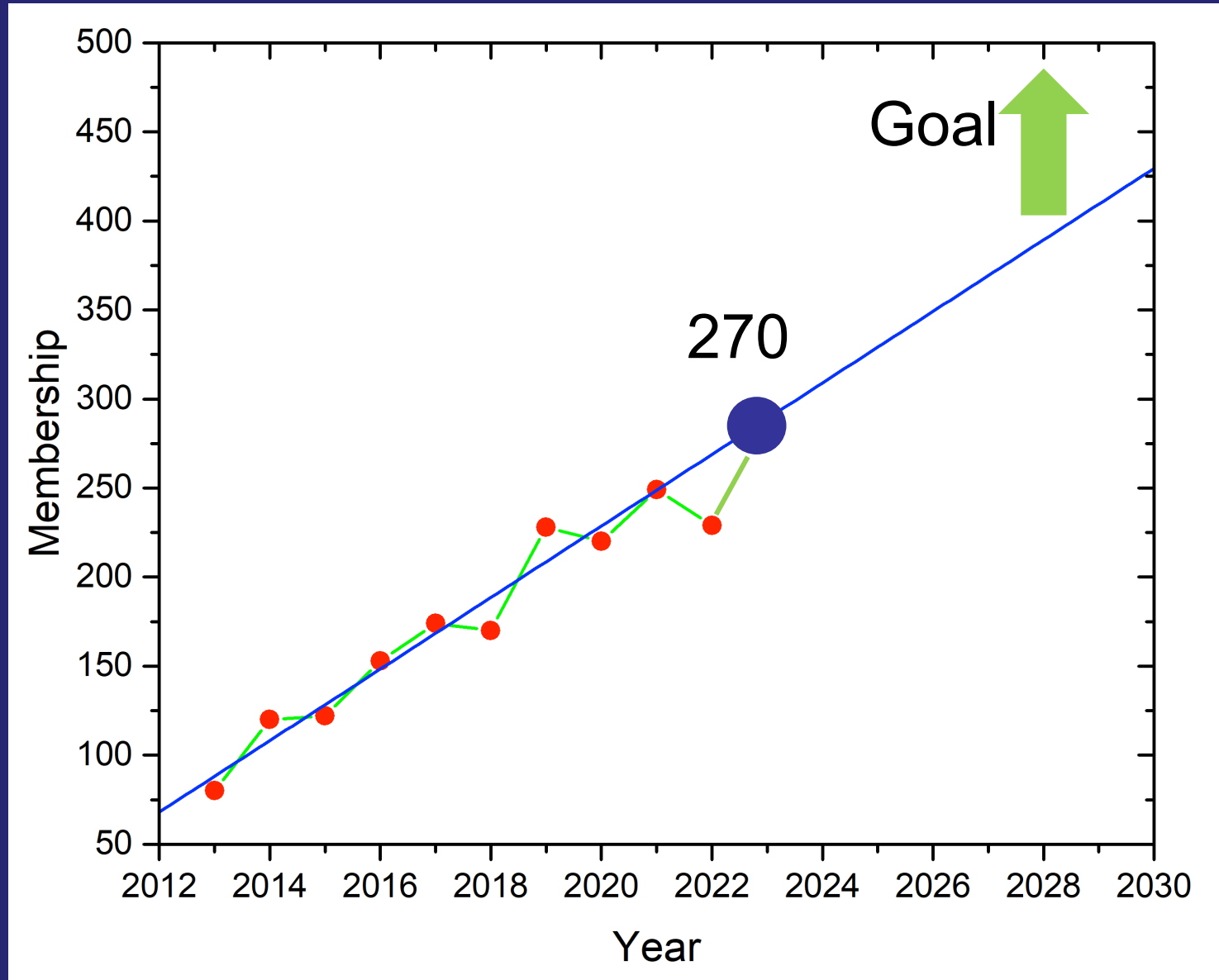
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# Annual Metrics

- Become a LAD member
- Encourage colleagues to become a LAD member

<https://lad.aas.org>



# Annual Metrics

## Membership (as of June 4, 2023)

- 270 members in all categories.
- Increase of 41 since last year – EXCELLENT!
- 97 voted out of 258 voting members.
- 38% voted this year (34% 2022, 43% 2021, 46% 2020, 29% 2019, 26% 2018, 31% 2017, 36% 2015, 40% 2014).





# Agenda

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# Highlights of Past Year

## LAD Prizes and Awards

### **Nominating Committee Members for LAD Prize, Early Career Award, and Dissertation Prize**

**Phillip Stancil (U. Georgia), Chair**  
Dennis Bodewits (Auburn University)  
Kyle Crabtree (UC Davis)  
Ami DuBois (NRL)  
Joan Najita (NOIRLab)



# Highlights of Past Year: 2023 LAD Prizes & Award

- **Laboratory Astrophysics Prize**

Dr. Reggie Hudson of the NASA Goddard Space Flight Center (GSFC) in recognition of his contributions to the understanding of the chemistry of ices in the interstellar medium and in the Solar System.



- **Early Career Award**

Dr. James Schroeder of Wheaton College for the experimental confirmation of the acceleration of auroral electrons by Alfvén waves in the laboratory.



- **Dissertation Prize**

Dr. Katarina Yocum of NASA/GSFC for the transformational development of the new method, Sublimation of Laboratory Ices Millimeter/submillimeter Experiment (SubLIME), for studying interstellar, planetary, and cometary ices.



# LAD Community Services

- To be updated





# Highlights of Past Year

- Continued monthly Executive Committee Zoom meetings (started by Rachel Smith)
- New LAD Logo inaugurated – 2022
- 2022 LAD Annual Report submitted to AAS and is available on LAD website
- Improvements to LAD website by Joan Marler (MaL)
- LAD continued its presence at the AAS Winter Virtual Meetings



# Chair's Agenda

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# Call for 2023 Honors

## Laboratory Astrophysics Prize

- For significant contribution over extended time.

## Early Career Award

- For significant contribution early in career.
- No more than 10 years past Ph.D. or equivalent.

## Dissertation Prize

- For outstanding doctoral dissertation (or the equivalent) in laboratory astrophysics.
- No more than 3 years past Ph.D. or equivalent.

**Cash award, citation, & invited talk at LAD meeting.**

[www.lad.aas.org/call\\_for\\_nominations](http://www.lad.aas.org/call_for_nominations)



# 2023 Honors

## Nomination package for the Laboratory Astrophysics Prize and the Early Career Award (due 01 Jul 2023)

- 5-page narrative description (including figures & bibliography)
- CV
- Publication list
- Nomination letter
- One sentence proposed citation
- 2 letters of support
- Self-nominations accepted
- Send to [lad.secretary@aas.org](mailto:lad.secretary@aas.org) by deadline

**Recipient announced Jan 2024; awarded Jun 2024.  
Nominees not selected, considered for next 2 yrs.**





# 2023 Honors

## Nomination package for the Dissertation Prize (due 31 Dec 2023)

- 3-page summary of the thesis (including figures & bibliography)
- CV
- Publication list
- Nomination letter
- One sentence proposed citation
- 2 letters of recommendation
- A statement from the nominee's university (Ph.D. or equivalent degree has been awarded)
- Self-nominations accepted
- Send to [lad.secretary@nasa.gov](mailto:lad.secretary@nasa.gov) by deadline

Recipient announced Feb 2024; awarded Jun 2024.  
Nominees not selected, considered for next 2 yrs.



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# The Future

## 2023 is the LAD 11-year anniversary

- We need your support and active involvement.
- LAD wants to hear from you – how to better serve the astrophysics and planetary sciences community!

## Membership

- LAD's goal is to reach 500 mark in 4-6 years from now.
- We have incentives for becoming a regular member of LAD (e.g., enabling collaborations, community services, early career mentoring, etc.)

## Grow Treasury

- Raise funds to endow the prizes, travel funds, etc.
- Become a member and donate (tax deductible).

## Strengthen connection with other AAS units

- DPS, HEAD, SPD – in progress



# The Future

## **National and International Affiliates:**

Reach out to IAU, EPSC, ACS - Astrochemistry, APS units etc.

## **LAD Newsletter**

Does it help to put efforts in sending out a newsletter (last one was Feb. 2014) in addition to LAD Listserver?

## **Should we have a LAD poster prize?**

If yes, how do we finance them? What would be the prize money? How many prizes? One or three?

## **Should we provide some student travel support?**

If yes, how do we finance it? How many and how much per student? Undergrad and postgraduate students only or including PhD students?

## **Member involvement**

- Committees (Nominating, Honors)
- LAD committee on ethics, DEI ??
- Suggestions and Feedback



# LAD Business Meeting Agenda

## June 5, 2023

**I. Chair's Report**



**II. Treasurer's Report**

**III. Amendments**

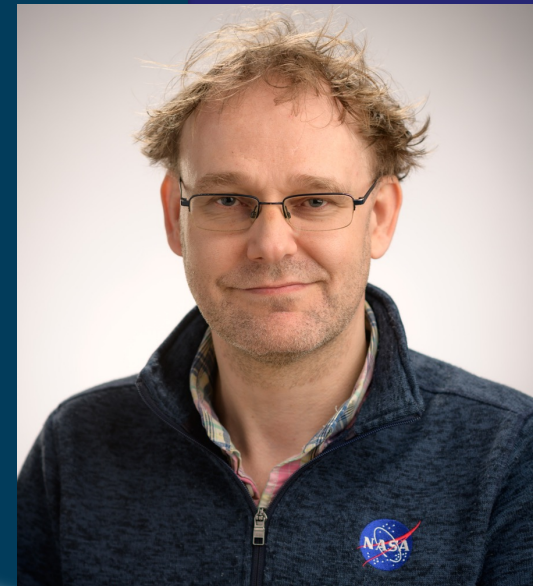
**IV. Open Mic**

**V. Adjourn**



# Laboratory Astrophysics Division

## Financial Summary



Christiaan Boersma, ARC, LAD  
Treasurer  
Kelly Clark, AAS CFO

LAD December 31, 2022



LABORATORY ASTROPHYSICS DIVISION



# Financial Summary: CY2022

- CY2021 beginning balance: **\$33,319**

(\$)	Q1 2022	Q2 2022	Q3 2022	Q4 2022
Revenues	1,167	1,945	2,931	4,471
Expenses	712	1,662	3,873	3,689
Net	455	283	942	782

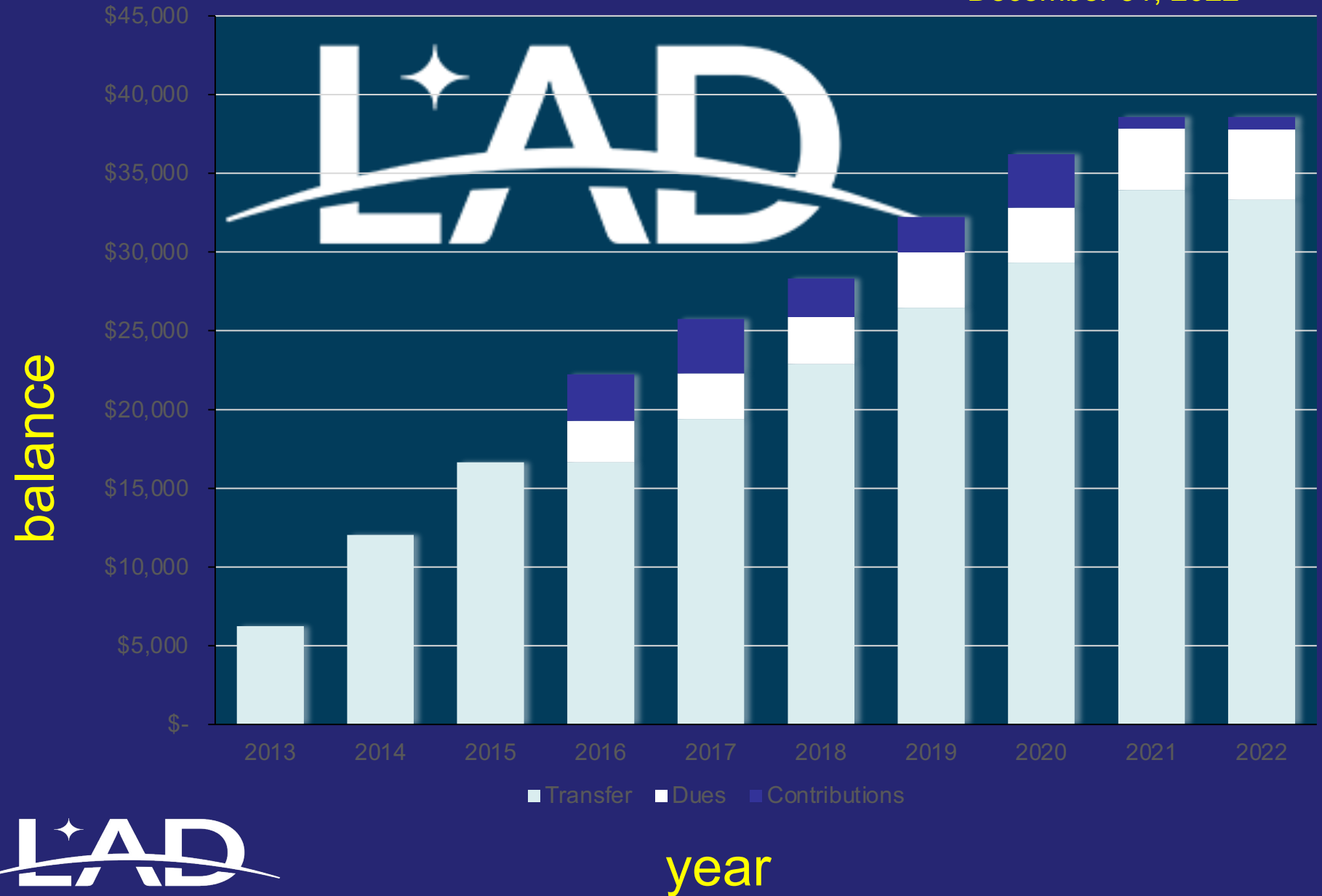
- CY2022 balance:  
**\$34,101**

Item	(\$)
Individual Dues	3,735
Contributions	736
Pins	712
Mailing	822
Prize Awards	950
Prize Certificates	1,135
Transfer	70



# Progression of Year-End Revenues and Contributions

\*December 31, 2022



Less contributions in 2021 and 2022!  
Recession?  
Hope 2023 will be better!

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# Amendment to Objective Statement

## LAD Objective:

To advance our understanding of the Universe through the promotion of fundamental theoretical and experimental research into the underlying processes that drive the cosmos, in collaboration with astronomical observations and other complementary fields.



# By-Laws Amendment for Elections

## Old text of VI.6

Not later than seven weeks before the Regular Meeting, the Nominating Committee shall submit to the Secretary nominations of at least one candidate for each vacancy for an Officer, and at least two for each vacancy for a Committee Member-at-Large. It shall be the duty of the Nominating Committee to ensure the nominee satisfies the requirements stated in Article VI.3 and to obtain from each nominee a written statement indicating a readiness to serve if elected.

## New Text VI.6:

Not later than seven weeks before the Regular Meeting, the Nominating Committee shall submit to the Secretary nominations of at least one candidate for each vacancy for an Officer, and at least two for each vacancy for a Committee Member-at-Large. The nominating committee should note that while one candidate for a new Officer vacancy is acceptable, efforts should be made to select at least two candidates to ensure a competitive Officer election. It shall be the duty of the Nominating Committee to ensure the nominee satisfies the requirements stated in Article VI.3 and to obtain from each nominee a written statement indicating a readiness to serve if elected.



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