

Global Agenda

I. Chair's Report

II. Treasurer's Report



lad.aas.org



Advance our understanding of the cosmos through promotion of fundamental theoretical & experimental research into underlying physics driving the cosmos.

Agenda

- I. Leadership**
- II. Election Results**
- III. Annual Metrics**
- IV. Past Year Highlights**
- V. 2020 Honors**
- VI. The Future**

Agenda

- I. Leadership**
- II. Election Results**
- III. Annual Metrics**
- IV. Past Year Highlights**
- V. 2020 Honors**
- VI. The Future**

LAD Committee Members

Chair: Randall Smith (2017-2019)

Vice Chair: Phillip Stancil (2017-2019)

Past Chair: Farid Salama (2017-2019)

Treasurer: Roberto Macini (2016-2019)

Secretary: Daniel Savin (2016-2019)

Members-at-Large:

•2016-2019

Crystal Brogan (dust)

Stefanie Milam (planetary)

John Raymond (plasmas)

•2017-2020

Artymis Spyrou (nuclear)

Ella Sciamma-O'Brien (ices)

•2018-2021

Michael McCarthy (molecules)

Kenneth M. Nollett (particles)

Agenda

I. Leadership

II. Election Results

III. Annual Metrics

IV. Past Year Highlights

V. 2020 Honors

VI. The Future

Election Nominating Committee

Louis Allamandola (NASA Ames), Chair

Nancy Brickhouse (Harvard-Smithsonian)

Stefanie Milam (NASA GSFC)

Election Results – I

Vice Chair (2019-2021):

***Murthy Gudipati (NASA Jet Propulsion Lab)**

Jim Babb (Harvard-Smithsonian)

Maurice Leutenegger (NASA GSFC)

Secretary (2019-2021):

***Rachel Smith (Appalachian State U.)**

Reggie Hudson (NASA Goddard Space Flight Center)

Brett McGuire (National Radio Astronomy Observatory)

Treasurer (2019-2021):

***Christiaan Boersma (NASA Ames Research Center)**

Perry Gerakines (NASA Goddard Space Flight Center)

(*Elected)

Election Results – II

Members-at-Large (Plasmas, 2019-2022):

***Michael Hahn (Columbia U.)**

Other candidate dropped out too late to replace

Members-at-Large (Planetary, 2019-2022):

***Silvia Protopapa (Southwest Research Institute)**

Chris Bennett (U. Central Florida)

Members-at-Large (Dust, 2020-2023):

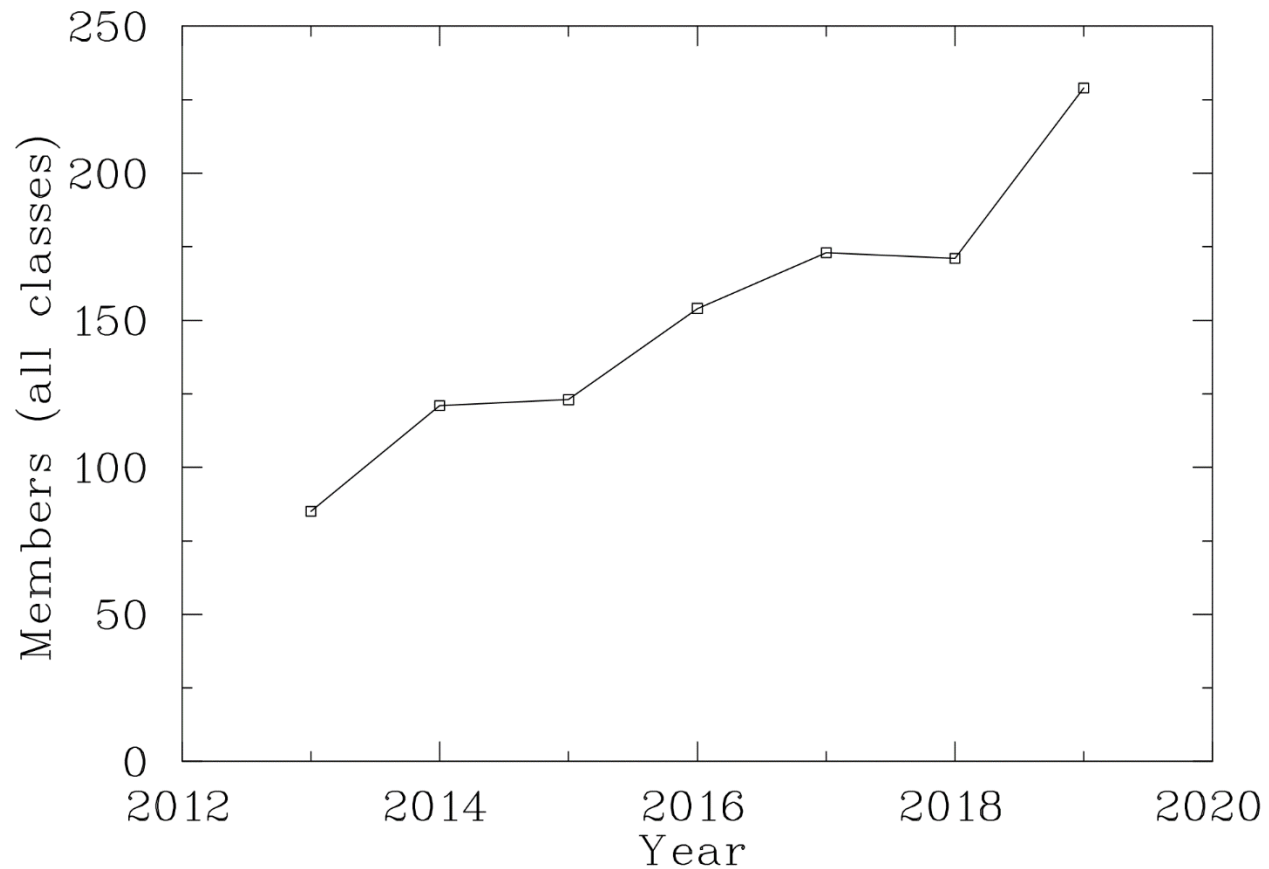
No candidates provided by Nominating Committee

(*Elected)

Agenda

- I. Leadership
- II. Election Results
- III. Annual Metrics**
- IV. Past Year Highlights
- V. 2020 Honors
- VI. The Future

Annual Metrics



Annual Metrics

Membership (as of 3 June 2019)

- 229 members in all categories.
- Increase of 58 since last year.
- 55 voted out of 190 voting members.
- 29% voted this year (15-20% typical for AAS) (26% 2018, 31% 2017, 36% 2015, 40% 2014).

LAD listserv

- 685 subscribers.
- Growth of 126 since last year.

Agenda

- I. Leadership
- II. Election Results
- III. Annual Metrics
- IV. Past Year Highlights**
- V. 2020 Honors
- VI. The Future

Highlights of Past Year

Laboratory Astrophysics Prize Committee

Farid Salama (NASA ARC), Chair

Adwin Boogert (U. Hawaii)

François Lique (U. Le Havre)

Michael Wiescher (Notre Dame U.)

Phillip Stancil (U. Georgia), ex officio

Early Career Award Committee

Phillip Stancil (U Georgia), Chair

Adwin Boogert (U. Hawaii)

François Lique (U. Le Havre)

Michael Wiescher (Notre Dame U.)

Randall Smith (CfA), ex officio

Highlights of Past Year

Dissertation Prize Committee

Farid Salama (NASA ARC), Chair

Adwin Boogert (U. Hawaii)

François Lique (U. Le Havre)

Michael Wiescher (Notre Dame U.)

Randall Smith (CfA), ex officio

Highlights of Past Year

LAD Honors

Laboratory Astrophysics Prize (2019)

- Lucy Ziurys (U. Arizona)
- Prize lecture at 2019 LAD meeting.

Early Career Award (2018)

- Brett McGuire (NRAO)
- Prize lecture at 2019 LAD meeting.

Dissertation Prize (2018)

- Cameron Mackie (Leiden/LLNL).
- Prize lecture at 2019 LAD meeting.

Highlights of Past Year

Lab astro at other AAS division meetings

- DPS – Talks embedded in regular sessions.
- DPS – Special workshop (Sciamma-O'Brien, Milam)
- HEAD – Special session (Smith).
- SPD – Talks embedded in regular sessions.

LAD was presented at various meetings and workshops during the year (IAU, others)

LAD members actively involved with first IAU Laboratory Astrophysics Symposium in spring 2019 (SOC, LOC, Presenters, Panelist)

Highlights of Past Year

Atomic, Molecular, and Optical (AMO) 2020 Decadal Survey White Paper

- Perspectives on Astrophysics Based on AMO Techniques.

Astronomy & Astrophysics 2020 Decadal Survey White Papers

- Astrophysical Science enabled by Laboratory Astrophysics Studies in AMO Physics.
- State of the Profession (in preparation).

LAD submitted 2 proposals for special LAD sessions during AAS Winter Meeting

Highlights of Past Year

Lab astro at other AAS division meetings

- DPS – Talks embedded in regular sessions.
- HEAD – Special session (Smith).
- SPD – Talks embedded in regular sessions.

LAD was presented at various meetings and workshops during the year (IAU, DAMOP, others)

LAD members actively involved with first IAU Laboratory Astrophysics Symposium in spring 2019 (SOC, LOC, Presenters, Panelist)

Agenda

- I. Leadership
- II. Election Results
- III. Annual Metrics
- IV. Past Year Highlights
- V. 2020 Honors**
- VI. The Future

2020 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.
lad.aas.org/call_for_nominations

2020 Honors

Nomination package for the Laboratory Astrophysics Prize and the Early Career Award (due 01 Jul 2019)

- **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 by deadline**

Recipient announced Jan 2020; awarded Jun 2020.

Nominees not selected considered for next 2 years.

2020 Honors

Nomination package for the Dissertation Prize (due 31 Dec 2019)

- 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@aas.org by deadline

Recipient announced Feb 2020; awarded Jun 2020.

Nominees not selected considered for next 2 years.

Agenda

- I. Leadership
- II. Election Results
- III. Annual Metrics
- IV. Past Year Highlights
- V. 2020 Honors
- VI. The Future**

The Future

Membership

- Continue campaign to grow division.
- Gifts for bringing in new members?

Grow treasury

- Fund raise for prizes.

Strengthen connection with other AAS units

- DPS, HEAD, SPD.

Reach out to relevant IAU, ACS, APS units

Member involvement

- Committees (Nominating, Honors).
- Suggestions and Feedback.