



# LABORATORY ASTROPHYSICS DIVISION

## Main Menu

- About AAS
- About LAD
- Bylaws
- Officers & Committees
- Members
- Communication
- Education & Outreach
- Meetings
- Prizes
- Public Policy
- Links

## Laboratory Astrophysics Division (LAD)

The object of the Laboratory Astrophysics Division is to advance our understanding of the Universe through the promotion of fundamental theoretical and experimental research into the underlying processes that drive the Cosmos.

[Join LAD](#)

[Read more](#)



<http://lad.aas.org>

# Agenda

- I. Leadership**
- II. Election Results**
- III. Annual Metrics**
- IV. Past Year Highlights**
- V. Current Meeting**
- VI. The Future**
- VII. Lab Astro Prize**

# LAD Committee Members

**Chair:** Steven R. Federman (2013-2015)

**Vice Chair:** Farid Salama (2013-2015)

**Treasurer:** R. Paul Drake (2013-2016)

**Secretary:** Daniel Wolf Savin (2013-2016)

## **Members-at-Large:**

- **2013-2016**

**John Black (atoms)**

**Nancy Janet Chanover (planetary)**

**Gianfranco Vidali (dust & ices)**

# Election Nominating Committee

**Wick Haxton (Berkeley)**

**Randall Smith (SAO), Chair**

**Phillip Stancil (UGA)**

# Election Results (2014-2017 Terms)

**40% voting members cast ballots  
(15-20% typical for AAS elections).**

**Members-at-Large (molecules):**

**\*Karin Öberg (Harvard)**

**Crystal Brogan (NRAO)**

**Members-at-Large (nuclear/particle):**

**\*Ed Brown (Michigan State)**

**Cole Miller (Maryland)**

**(\*Elected)**

# Annual Metrics

## Membership (as of 03 June 2014)

- 121 members in all categories.
- Growth of >40 since last year.
- 111 voting members.
- 40% voted this year (40% last).

## LAD listserv

- 504 subscribers.
- Growth of >50 since last year.

## Funds

- General funds - \$4585 (last year: \$500).
- Prize funds - \$1650 (last year: \$150).

# Highlights of Past Year

## June 2013: 1<sup>st</sup> LAD meeting at 222<sup>th</sup> AAS meeting

- Plenary lecture (Fausto Cattaneo).
- 7 sessions (atoms, molecules, dust & ice, plasma, planetary, nuclear, and particle).
- Two 30 min invited & two 15 min contributed.
- Attendance ~30-50 per session.
- Second business meeting.

## LAD presence at other professional meetings

- Proposal for Lab Astro Focus Meeting at 2015 IAU General Assembly in Hawaii.

# Current meeting

## June 2014: 2<sup>nd</sup> LAD meeting at 224<sup>th</sup> AAS meeting

- Plenary lecture (Sara Seager).
- 6 sessions (atoms, molecules, dust & ice, plasma, planetary, and nuclear/particle).
- Two 30 min invited & two 15 min contributed.
- Attendance ~35-65 per session.
- Third business meeting.
- 2 joint LAD, SPD, and APS TGPAP sessions.
- Format: Six 15 min talks.
- Attendance ~30-75.



# Current meeting

## Punching above our weight

- 121 LAD members.
- 7100 AAS members.
- LAD represents only 1.7% of AAS.
- 65 attendees for 2<sup>nd</sup> LAD meeting peak session.
- 1183 attendees at AAS 224<sup>th</sup>.
- LAD drew 5.5% of the meeting attendees.

# The Future

**Grow membership.**

**Grow treasury.**

**Strengthen connection with other AAS units**

- LAD session at HEAD meeting in Aug 2014.
- LAD representatives on DPS SOC for this year.

**Reach out to relevant IAU, APS, & ACS units**

- Lab Astro Focus Meeting at upcoming IAU.

**Member involvement**

- Committees (Meeting, Nominating, Prize).
- Public outreach events at meetings.
- Suggestions and Feedback.

# Lab Astro Prize Committee

**Eric Blackman (Rochester)**

**Ara Chutjian (JPL)**

**Geoff Clayton (LSU)**

**Steve Federman (Toledo), Chair**

# 2015 Laboratory Astrophysics Prize

**For significant contribution to lab astro.**

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

**Nomination package (due Fri 29 Aug 2014)**

- 1-page narrative description.
- CV.
- Publication list.
- Other helpful material.
- 2 additional supporting letters of reference.
- No self-nomination.
- Send to [ladsec@aaas.org](mailto:ladsec@aaas.org) by deadline.

**Recipient announced Fall 2014; awarded Jan 2015.**

**Nominees not selected considered for next 2 years.**