



# LABORATORY ASTROPHYSICS DIVISION (LAD)

## 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.

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<http://lad.aas.org>

# Agenda

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- II. Election Results**
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# LAD Committee Members

**Chair:** Farid Salama (2015-2017)  
**Vice Chair:** Randall Smith (2015-2017)  
**Past Chair:** Steven Federman (2015-2017)  
**Treasurer:** Paul Drake (2013-2016)  
**Secretary:** Daniel Savin (2013-2016)

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

- **2013-2016**

- John Black (atoms)
  - Nancy Chanover (planetary)
  - Gianfranco Vidali (dust & ices)

- **2014-2017**

- Edward Brown (nuclear)
  - Karin Öberg (dust & ices)

- **2015-2018**

- Jan Cami (molecules)
  - Oswald Siegmund (particles)

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# **Election Nominating Committee**

**Patrick Hartigan (Rice U.), Chair**

**Nancy Chanover (NMSU)**

**Francisca Kemper (ASIAA)**

# Election Results

**31% voting members cast ballots  
(15-20% typical for AAS elections).**

## **Treasurer (2016-2019)**

**\*Roberto Mancini (U. Nevada)**

## **Secretary (2016-2019)**

**\*Daniel Savin (Columbia U.)**

## **Members-at-Large (Dust, 2016-2019):**

**\*Crystal Brogan (NRAO)**

**Benjamin McCall (U. Illinois)**

**Karen Willacy (JPL)**

## **Members-at-Large (Plasmas, 2016-2019):**

**\*John Raymond (SAO)**

**James Bailey (SNL)**

## **Members-at-Large (Planetary, 2016-2019):**

**\*Stefanie Milam (NASA GFSC)**

**Perry Gerakines (NASA GSFC)**

**(\*Elected)**

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# Annual Metrics

## Membership (as of 06 June 2016)

- 154 members in all categories.
- Growth of over 30 since last year!
- 138 voting members.
- 31% voted this year (36% 2015, 40% 2014).

## LAD listserv

- 549 subscribers.
- Growth of >10% per year.

## Funds: \$16561 (as of 03/31/2016)

- General funds - \$11552 (last year: \$8474).
- Prize funds - \$5009 (last year: \$3752).

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# Highlights of Past Year

## Prizes and Awards

### Lab Astro Prize & Early Career Award Committee 2015

**Steve Federman (U. Toledo), Chair**

**Lou Allamandola (NASA ARC)**

**Walter Gekelman (UCLA)**

**David Neufeld (JHU)**

**Farid Salama (NASA ARC), ex officio**

# Highlights of Past Year

## Prizes and Awards

### **Inaugural Laboratory Astrophysics Prize (2015)**

- Lou Allamandola (NASA – Ames).
- Prize lecture at 2016 LAD meeting.

### **Laboratory Astrophysics Prize (2016)**

- Peter Beiersdorfer (LLNL).
- Prize lecture at 2016 LAD meeting.

### **Inaugural Early Career Award (2016)**

- François Lique (U. du Havre).
- Prize lecture at 2016 LAD meeting.

# Highlights of Past Year

## Special sessions at other AAS division meetings

- HEAD – Apr 2016 (Savin).
- DPS – Nov 2015 (Chanover, Gudipati).

## Joint proposal with IAU Commission14

- **Lab Astro Focus Meeting 12 – Aug 2015**  
(Salama, Mashonkina, Federman).
- Sessions on atoms, molecules, dust & ices, planetary, plasma, nuclei, and particles.
- 10 invited talks of 30 min.
- 25 invited/contributed talks of 15 min.
- 2 summary talks (30 min.).
- 57 posters.
- Attendance ~30-60 per session.
- Proceedings in *Astronomy in Focus*, CUP

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# 2017 Prizes

## 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.

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

# 2017 Prizes

## Nomination package for the Laboratory Astrophysics Prize and the Early Career Award (due Mon 5 Sep 2016)

- **3-page narrative description**  
(5 pages total including figures and bibliography)
- **CV**
- **Publication list**
- **Nomination letter**
- **2 letters of support**
- **Self-nominations accepted**
- **Send to [ladsec@aaas.org](mailto:ladsec@aaas.org) by deadline.**

**Recipient announced Jan 2017; awarded Jun 2017.**

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



# 2017 Prizes

## Nomination package for the Dissertation Prize (due Sat 31 Dec 2016)

- **3-page summary of the thesis**  
(5 pages total including figures and bibliography)
- **CV**
- **Publication list**
- **Nomination letter**
- **2 letters of recommendation**
- **A statement from the nominee's university**  
(Ph.D. or equivalent degree has been awarded)
- **Send to [ladsec@aad.org](mailto:ladsec@aad.org) by deadline.**

**Recipient announced Feb 2017; awarded Jun 2017.**

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

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# The Future

## Membership

- Four year campaign to grow to 250 members.
- Gift 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 (Meeting, Nominating, Prize).
- Public outreach events at meetings.
- Suggestions and Feedback.