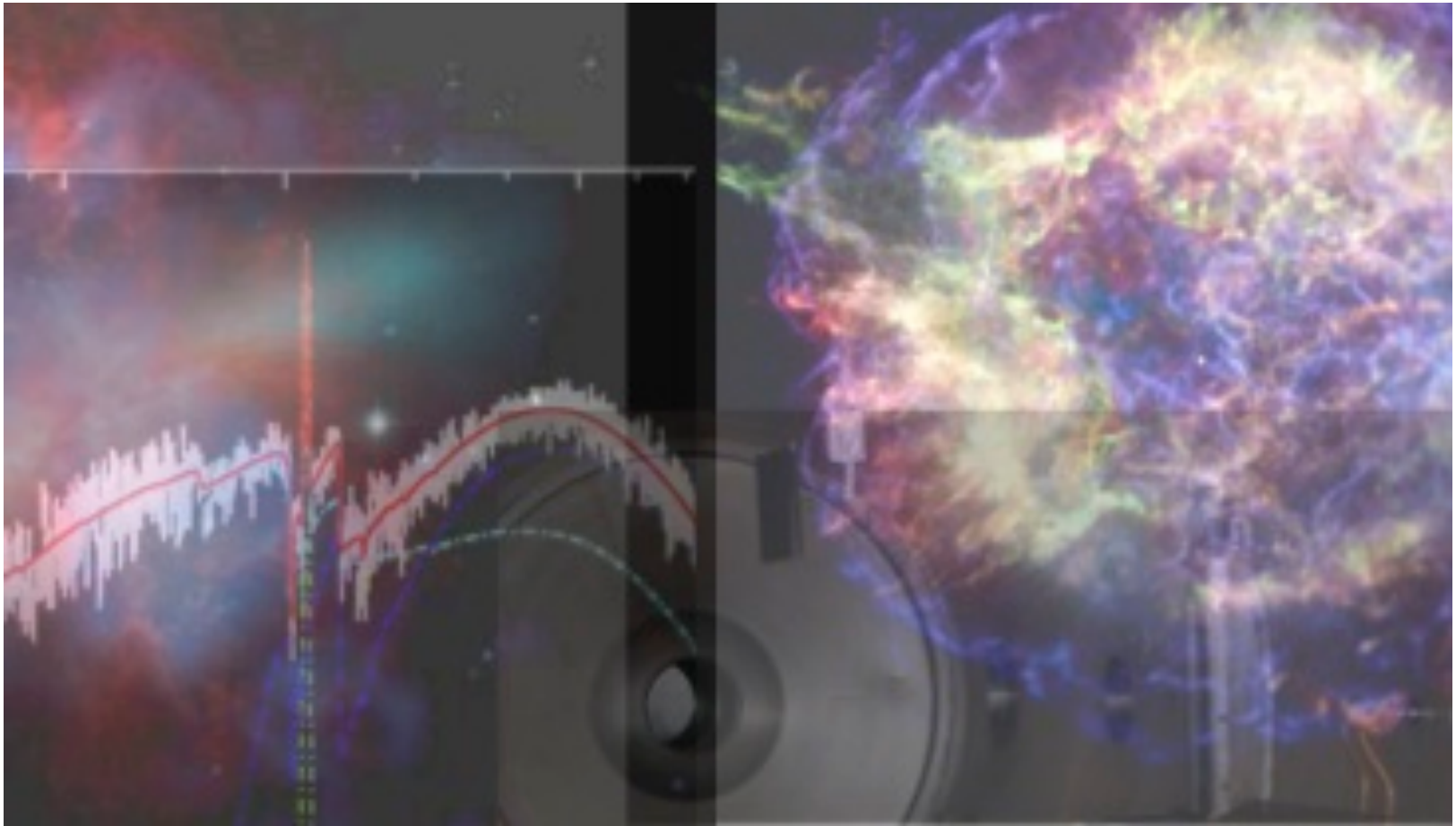


High Energy Astrophysics Division (HEAD)



"Advance and share our understanding of the hot and energetic Universe."

2015 HEAD Executive Committee

- **Chair:** Nick White (2014-2016)
- **Vice-chair:** Chris Reynolds (2014-2016)
- **Past-Chair:** Joel Bregman (2014-2016)
- **Secretary:** Randall Smith (2012-2016)
- **Treasurer:** Keith Arnaud (2012-2016)
- **Executive Committee:**
 - Daryl Haggard; Henric Krawczynski (2013-2016)
 - Mark Bautz, Q. Daniel Wang (2014-2017)
 - Liz Hayes, Colleen Wilson-Hodge (2015-2018)
- **Press:** Megan Watzke

Secretary's Report: Elections

- **2 nominees for Vice-Chair**
 - Steve Kahn
 - Rob Petre
- **2 nominees for Secretary**
 - Michael Corcoran
 - Pete Roming
- **1 nominee for Treasurer, Keith Arnaud**
- **5 nominees for the Executive Committee**
 - David Ballantyne
 - Niel Brandt
 - John Kovac
 - Laura Lopez
 - Deirdre Shoemaker
- **Good turnout, 25% of membership (~10% is typical for similar societies)**

Secretary's Report: Elections

Please Welcome the new EC members:

- **Vice Chair Rob Petre (2016-2018)**
- **Secretary Mike Corcoran (2016-2019)**
- **Committee Members**
 - **Niel Brandt (2016-2019)**
 - **Laura Lopez (2016-2019)**

Finances

- The Chicago HEAD2020 meeting made a Small profit.
- At the end of November the HEAD funds stand at \$249k. Of this \$48k is in the BATSE/Fishman fund which is earmarked for childcare and younger person support at meetings.

Outgoing HEAD Officers & Executive Committee Members

Thanks to:

- Past Chair Joel Bregman
- Secretary Randall Smith
- EC members
 - Daryl Haggard
 - Henric Krawczynski

HEAD Stats:

- The Division was established in 1969.
- Current Membership: 913 members (second after the DPS)

HEAD Recurring activities:

1. Electronic announcements: as needed; ~2 month lately
2. HEAD meeting every ~18 months
3. Four awards: Dissertation, Schramm, Mid-Career & Rossi

HEAD & Social Media

- HEAD now has a Facebook page:
<https://www.facebook.com/AAS.HEAD>
- A Twitter Account (with > 100 followers!):
[@AAS_HEAD](#)

But we need an organizer interested in building HEAD's on-line presence. Interested? Contact Nick White & Chris Reynolds for more info.

Congressional Visits

- HEAD will help with travel expenses for up to 2 people to attend the next Congressional Visit Days
- 15-16 March 2016 (Tues & <http://aas.org/content/congressional-visits-day-2016-sign-form>)
- Aim to select at least 15 volunteers across all of the aas who balance the program by location, career stage, experience, and science focus area
- graduate students are especially encouraged to volunteer.

Affiliate Membership


- Affiliate members have same status as regular members, except they cannot be on the Exec Comm.
- Will bring HEAD into alignment with most of the other AAS divisions, and allow non-astronomers who are interested in High-Energy Astrophysics to join in on our activities.
- Membership is open now; please encourage your non-AAS member but High-Energy Astronomy-interested colleagues to consider joining.

Special HEAD Meeting:
June 29th-July 1st, 2015: Chicago, IL

Mission Planning for the 2020 Decadal Survey

About 100 HEAD and other community joined for a detailed discussion of mission concepts ranging from the Flagship X-ray Surveyor to Probe concepts under \$1B, as well as insightful review talks on the key science concepts for the 2020s and beyond.

https://aas.org/meetings/high_energy_decadal



HEAD Fifteenth Divisional Meeting
Naples Grande Hotel - Naples, Florida
3 - 7 April 2016

<https://aas.org/meetings/head15>

HIGH ENERGY ASTROPHYSICS DIVISION

- [HEAD 15th Meeting](#)
- [Schedule and Events](#)
- [Abstract Information](#)
- [Registration](#)
- [Travel and Lodging](#)
- [Contact Us](#)
- [Dependent Care Grants](#)
- [Division Home](#)

MEETING DEADLINES

25 January 2016

15th Annual HEAD Meeting: Early
Registration Deadline

25 January 2016 21:00

15th Annual HEAD Meeting:
Regular Abstract Deadline

15 February 2016

15th Annual HEAD Meeting:
Dependent Care Application
Deadline

16 February 2016 21:00

15th Annual HEAD Meeting: Late
Abstract Deadline

14 March 2016

15th Annual HEAD Meeting:
Regular Registration Deadline

High Energy Astrophysics Division 15th Annual Meeting to meet 3-7 April 2016 at the [Naples Grande Beach Resort](#) in Naples, Florida.

The 15th HEAD meeting will be the year's premiere meeting of high-energy astrophysicists in the US and the world. Held in beautiful — and warm! — Florida at the Naples Grand Hotel right on the beach, this meeting covers the ever-expanding field of high-energy astrophysics, from space and ground observatories, along with detailed coverage on accretion processes. A range of special sessions will touch on accretion throughout the Universe, covering stars, Galactic compact objects, and supermassive black holes, as observed in a range of bandpasses and even potentially with gravitational waves. The meeting will also feature the first HEAD Mid-Career prize lecture and the HEAD dissertation prize lecture. As usual, all contributed oral sessions will be plenary, and all posters will be hung throughout the meeting. Finally, the meeting will again feature the famous and not-to-be-missed HEAD banquet!

Special Sessions

Missing Baryons and the Hot Halo of the Milky Way

Phillip Kaaret, Organizer

The Physics of Accretion Disks – A Joint HEAD/LAD Session

Daniel Savin, Organizer

Science of X-ray Polarimetry in the 21st Century

Keith Jahoda, Organizer

TeraGauss, Gigatons, and MegaKelvin: Theory and Observations of Accretion Column Physics

Rick Rothschild, Organizer

[Visit Naples](#)

[Submit an Abstract](#)

[Book your Hotel](#)

[Register for the Meeting](#)

HEAD Future Meeting Sites

- April 3 – 7, 2016
 - Waldorf Astoria on the beach in Naples, FL.
- August 16-20, 2017
 - Snow King, Jackson Hole, WY
 - Morning of Aug 21, 2017: Total Solar Eclipse (first in the USA since 1970s)
- April 2019 will be in Hawaii
- August 2020 will be in Tucson, Az

2016 HEAD Prizes

(drum roll)

HEAD Dissertation Prize

To

Ashley King for her dissertation:

“Outflows from Accreting Black Holes Across
the Mass Scale”

HEAD Mid-Career Prize

To Sebastian Heinz

for unveiling the nature of the X-ray binary system Circinus X-1, which showed that the birth fields of neutron stars span a much larger range than previously thought, and for establishing the use of X-ray light echoes to make accurate measurements of Galactic distance.

HEAD 2016 Rossi Prize

To Niel Brandt

of the Pennsylvania State University, who led the effort to obtain the deepest Chandra fields, enabling the most sensitive cosmological X-ray surveys to date. His work traces the accretion history of SMBH and their coevolution with host galaxies across cosmic time.

2016 HEAD Executive Committee

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