

H·A·D NEWS

*The Newsletter of the Historical Astronomy Division
of the American Astronomical Society*

Number 80 * April 2012



HAD Meetings Past and Future

The January HAD/AAS meeting was a great success. Besides special sessions on transits of Venus and funding of Post-World War II astronomy, with four invited papers each, there were twelve contributed oral presentations and three poster papers in HAD sessions. In addition there was the presentation (pictured above) by HAD Prize Committee Chair Thomas Hockey of the eighth LeRoy E. Doggett Prize for Historical Astronomy to Woodruff T. Sullivan, III, followed by Sullivan's lecture on "Cosmic Noise: The Pioneers of Early Radio Astronomy and Their Discoveries" to a plenary session of the AAS.

There was also the fifth HAD minibanquet and a field trip to see some of astronomy's all time great books and some original comet drawings by John Herschel at the Harry Ransom Center of the University of Texas.

Also worthy of note, the HAD Committee met and decided that HAD will continue to meet every year in conjunction with the winter AAS meeting, but will hold a second meeting in each odd-numbered year. These will usually be joint meetings with other organizations. Plans are to meet jointly with the Division for Planetary Sciences in Denver in October 2013 and with the AAS and the International Astronomical Union in Honolulu in August 2015. Mark your calendars!

Session organizers are already planning three special sessions for the next meeting, with AAS, in January 2013 in Long Beach, California.

Peter Abrahams is organizing a session on "Making Astronomy Public, Los Angeles Style," to be followed by "Preservation of Astronomical Heritage and Archival Data" organized by Wayne Osborn and Jim Lattis. Both will be Sunday, 6 January.

Monday morning we will have a special session on "Fifty Years of X-ray Astronomy" organized by Hale Bradt, Arnold Rots, and Rosanne di Stefano. This will be a joint session with the High Energy Astrophysics Division, which is providing the organizers.

With the presentation of the second Donald E. Osterbrock Book Prize and, probably, an invited talk by the recipient(s) Monday afternoon, nearly all contributed HAD presentations will be on Tuesday. Plan to spend at least three days in Long Beach.

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From the Chair

Jarita Holbrook, University of Arizona

For the first time I tweeted during our HAD sessions in Austin, TX. Twitter is a social media that can be publicly accessed; the challenge is that there is a limit of 140 characters (see <http://www.twitter.com>). When you post on twitter it is referred to as “tweeting”. For the AAS meeting a hashtag, #aas219, was created so that participants and interested persons could quickly discover tweets about the meeting. My tweets can be retrieved via my twitter name “astroholbrook” on the twitter website. Using the hashtag, I also prefaced my tweets with “HAD” to let people know that I was referring to activities within our Division. My tweets focused primarily on the talks as they were occurring. I did not tweet during the session that I was chairing. Vice Chair Jay Pasachoff has been trying consistently with no success to get our HAD talks broadcasts over the internet for our members who cannot attend. I tweeted if there was an interest in at least having the PowerPoints from the talks made available online after the talks: four people responded via twitter that they thought this was a great idea! Until such a time, I hope that members will join me in tweeting about our sessions so that those at home can experience the meeting virtually.

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From the Vice Chair

Jay M. Pasachoff, Williams College

Having noticed that most planetary scientists, AAS members or not, do not attend the winter and spring AAS general meetings, we have proposed to the leadership of the AAS Division for Planetary Sciences (DPS) that we hold some joint sessions at one or more of their annual meetings, which are held each fall. The first will be at the Denver DPS meeting, October 6-11, 2013. Their

website is <http://dps.aas.org>.

Commission 41 of the International Astronomical Union, on History of Astronomy, is planning its sessions for the Beijing IAU General Assembly of August 20-31, 2012. Sessions on the history of Field Expeditions, for example, are being planned, organized by Rajesh Kochhar, Sara Schechner, and me. A session on Discovery and Classification in Astronomy has been organized by Steven Dick and Ken Kellerman. Prof. Nicolay Kardashev will give the Grote Reber Prize Lecture. Working groups that will meet include those of Astronomy and World Heritage, Historical Instruments, and Historic Radio Astronomy. The schedule is available on the Commission website at <http://www.historyofastronomy.org>.



The event of the most significant interest to those involved in the history of astronomy is the coming transit of Venus, June 5 in the United States (and June 6 in Europe, Asia, and Africa). I have previously mentioned Nick Lomb's book in these pages, and we had a special session on the topic at our January 2012 meeting in Austin: <http://had.aas.org/meetings/2012Abstracts.html>.

Watch for another contemporary book, *The Day the World Discovered the Sun: An Extraordinary Story of 18th Century Scientific Adventure and the Race to Track the Transit of Venus*, by Mark Anderson, to be released by Perseus Books on June 5, the day of the transit. See a summary of transit-of-Venus briefings, slightly updating my piece at <http://had.aas.org/hadnews/HADN79.html>, at <http://www.pbk.org/home/FocusNews.aspx?id=885>.

The University of Toronto is to have a symposium on the transit of Venus on April 27-28.

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From the Secretary-Treasurer

Joseph S. Tenn, Sonoma State University

One of the less-frequented corners of the HAD website is the section on the history of the American Astronomical Society. Take a look at it some time. You will find essays on the Society's origin, naming, and early years by Brant Sponberg and David DeVorkin and even a discussion of early societies with the same name. Of current interest to me is Section 7: Early AAS Meetings. Some years ago Brant Sponberg created this section, and later Paul Routly edited and expanded it. Apparently they went through old journals and microfilms to construct uniform outlines of the first 87 meetings, from number -1 to number 85, the last in 1951.

In my spare time I have been further expanding this section, not revising what my predecessors wrote, but adding new material. I have rearranged the pages and added links to the journal articles describing each meeting. Now I am adding links to the group photographs which were nearly always taken during this period. I was inspired to do this by the generous act of the University of Chicago Library in posting high resolution images of the early photos that are in that Library's collection. Some members of the HAD Committee are scanning more photos from old journals; others will have to be purchased from the AIP Center for the History of Physics. Eventually we hope to have all extant photos from the early meetings available on the HAD website.

To encourage you to look at this material, here is another trivia quiz (solution on page 11):

1. At which AAS meeting did the astronomers in attendance call on the president in the White House? (Hint: It was a Washington meeting.)
2. Which was the last meeting to have fewer than 30 members in attendance?
3. Which was the meeting at which the secretary marveled that "Three nights' occupancy of rooms

[in a dorm] plus two days' meals, with an extra breakfast at the end, cost seven dollars,—believe it or not (and this included the Society dinner Friday evening)”? It was cheap even then.

4. Which was the first meeting for which the list of attendees published by the AAS listed male and female attendees by name only with no honorifics? At all previous meetings surnames only were given, the women's preceded by Miss or Mrs., the men's names with no honorifics.

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The -1st Meeting of the AAS, Yerkes, 1897.

JAHH Now Free and Online

*Wayne Orchiston, James Cook University;
Richard Strom, Dwingeloo Radio Observatory;
Joseph S. Tenn, Sonoma State University*

The *Journal of Astronomical History and Heritage*, published by James Cook University in Australia, has gone online. And it's free! Starting with March/April 2012, all issues of the journal will be posted on the SAO/NASA Astrophysics Data System (ADS) immediately. The journal is published three times per year. All issues, back to the first one in 1998, are also on ADS, although those who like to look at the images (the JAHH has featured color for several years) should wait a bit, as the initial scans are of very poor quality. Good pdf versions will be posted soon.

The JAHH suffered a serious blow in January with the untimely death of associate editor Hilmar Duerbeck, but Richard G. Strom, a retired senior research astronomer at ASTRON (Dwingeloo Radio Observatory), professor emeritus at the University of Amsterdam, and an adjunct professor at James Cook University, has agreed to join Joseph S. Tenn of Sonoma State University as associate editor, with both assisting editor Wayne Orchiston of James Cook University.

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The screenshot displays the ADS Labs Fulltext Search interface. At the top, there are logos for 'ads labs' and 'NASA'. The main search bar contains the query '"George Airy" "Transit of Venus"'. Below the search bar, there are checkboxes for 'Refereed Only' and 'Disable Synonyms', and a field for 'Journal Abbreviation(s)'. The search results are displayed in a list format, showing 'Displaying items 1 - 20 of 56'. The results are sorted by 'Publication Date (Asc)'. The first three results are:

- The Coming Transits of Venus [1873AReg...11...67.]**
Astronomical register, vol. 11, pp.67-73
Fulltext matches for your terms:
 - ... by Sir **George Airy** is Auckland, New Zealand. The French Institute places a party on their nearest possession ...
- Transit of Venus in 1874 [1873MNRAS...33..279P]**
Proctor, R. A.
Monthly Notices of the Royal Astronomical Society, Vol. 33, p.279
Fulltext matches for your terms:
 - ... from Sir **George Airy** on a matter of opinion, not on matters of fact (mathematically testable). What I propose ...
- The Transit of Venus [1874AReg...12..136.]**
Astronomical register, vol. 12, pp.136-141
Fulltext matches for your terms:
 - ... observers, Sir **George Airy** devised a model of the transit of Venus, which has been in working order at Greenwich ...
 - ... of Sir **George Airy** ... he will be able, during five or six minutes before contact at ingress, or after ...
 - ... of the **transit, Venus** appearing in the pictures as a black spot on the sun's face, about one-eighth of ...

Introducing ADS Labs Full-text Search System

*Donna Thompson and Alberto Accomazzi,
SAO/NASA Astrophysics Data System*

ADS Labs is the platform that ADS has recently launched to test new technologies and services. It is an environment showcasing added functionality to the standard ADS services rather than a replacement for them. ADS Labs features an experimental full-text search of the current and historical astronomical literature, useful for locating mentions of specific terms in the body of papers covered in ADS, rather than just their abstracts. While not all of ADS's bibliographic records are currently covered by the full-text search, it does cover the core astronomy journals (ApJ, AJ, A&A, MNRAS, PASP, PASJ), as well as all arXiv papers and a number of physics journals.

Included in the literature digitized by ADS (and part of the full-text database) are the observatory publications from the early 1900s. This selection of publications is of particular interest to the HAD community and by utilizing the features of the full-text search a researcher can find details that might be lost in a traditional search. An example of this is to search for information about George Airy's expeditions for viewing the transit of Venus. The full-text search for "George Airy" "Transit of Venus" currently produces 56 results. Many of these results are from articles that mention the subject in passing and are not be found in a regular author or subject search. Since a significant portion of the historical literature was written in essay form, many of the details about authorship or topics are lost in traditional tables of contents; in fact an equivalent traditional ADS search results in just 9 records. A number of options are available to the user to modify the default list of results. Among them is

sorting the results by either ascending (or descending) publication dates, which will bring the oldest (or most recent) articles at the top of the list. A number of filtering options are available under a section named “Limit your search,” allowing a user to further refine a search by limiting author, journal title, keyword, publication year, refereed status and database. These filters can prove useful to the researcher of the history of astronomy focusing on a specific literature subfield.

The ADS Labs full-text search is available at <http://adslabs.org/fulltext>. Also available is the streamlined search feature of ADS Labs (<http://adslabs.org/ui>). We encourage you to try these new services and give us your feedback.

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Speakers in the Funding Astronomy session in Austin, January 2012: George Rieke, David DeVorkin, Sharon Traweek, Marc Rothenberg.

An Invitation to Write for the BEA II Thomas Hockey, University of Northern Iowa

We now are planning the Second Edition of the successful reference work the *Biographical Encyclopedia of Astronomers* (Springer, 2007) [henceforth BEA II]. BEA II will include the text of the first edition, plus twenty-percent more content in the form of approximately three-hundred new articles. A few of these articles are to be replacements, but most will be on figures that have not appeared in the BEA before. Joining me again will be Content Editors Prof. Virginia Trimble, Prof. Katherine Bracher, Prof. Richard Jarrell, Dr. Jordan D. Marché II, and Dr. JoAnn Palmeri.

As Editor-in-Chief, I invite HAD members to contribute one or more new articles to the Second

Edition. Once more, each article is to be 100–1,500 words long, detailing the contributions and life of an individual who has influenced astronomy. BEA II authors will receive the following, depending upon the number of contributions accepted for publication:

Those who have one article accepted will receive one free Springer book (any title) with a list price of up to \$50. This covers most popular science and nice coffee table books. Those with two BEA II entries will receive one free Springer book with a list price of up to \$100. This includes many textbooks. For three entries you get a book with a list price of up to \$150.

Four BEA II entries will get you the grand prize: one free copy of the BEA II.

In all cases, contributors may elect to receive either a print edition, or an electronic version (if available). Of course, all contributors will be properly credited within the BEA II itself.

To participate, examine the list of available new BEA II subjects at <http://ow.ly/9T5aZ>.

Choose one or more subjects (in order of preference) for which you would like to write the BEA II article. The Editor-in-Chief will make the final assignments, based upon your choice.

Authors who agree to contribute one or more articles will receive a list of format guidelines. English is the preferred language for article submission; however, other languages (which would then be translated to English) may be acceptable, with permission of the editors. Once again, we encourage inclusion of an image of the subject (and permission to publish it) with each article. The deadline for submission and a signed Permission to Publish form is July 1, 2012.

Please feel free to e-mail or to write to me (Department of Earth Science/University of Northern Iowa/Cedar Falls, IA 50614, USA) accepting this offer—or for any further information you may wish. All replies will be acknowledged. Recommendations of other scholars who you believe might desire to contribute to this project are valued, as well. Because we hope to publish this work in a timely manner, I would appreciate your response as soon as possible.

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Kepler Crossword Puzzle

© 2008 Naomi Pasachoff, Williams College

Here is a new challenge for HAD members—a historical astronomy crossword with Johannes Kepler as a theme. Suggestion: Download the pdf version of this issue of *HAD News* and print out pages 6 and 7. Your comments are welcomed. The solution is on page 11.



1	2	3	4	5		6	7	8		9	10	11	12
13						14				15			
16					17					18			
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	25		26	27			28	29		30			
			31				32			33			
	34	35				36				37			
38					39			40					
41				42				43			44	45	
46			47			48	49	50			51		52
	53				54					55	56		
57					58								
59					60					61			
62					63					64			

Clues to Kepler Puzzle

ACROSS

- 1 Half of Peter Weiss 1964 play title
- 6 Caesar of "Your Show of Shows"
- 9 Other half of 1 across
- 13 "___ bird on earth": Juvenal
- 14 Anti-nuclear testing org.
- 15 It turns blue litmus paper red
- 16 "For Kepler, _____ was taken to be a virtue": Adam Mosley
- 18 "___ little boy of five": *The Pirates of Penzance*
- 19 Where Kepler announced the third law of planetary motion
- 21 Year, to Kepler scholar Miguel A. Granada
- 22 Abbreviation for Field Museum's Sue, e.g.
- 23 "... *ab animae, mentisque partibus* _____": Kepler, *De Proportionibus Harmonicis*
- 25 Gardening tool
- 28 "___ gnu—a-g-nother gnu": Flanders & Swann
- 30 R. Breitsohl-Klepser, *Heiliger Ist ___ Die Wahrheit. Johannes Kepler. Aus Dem Nachlass. . .* (1976)
- 31 Etienne Schoonhoven, *La ___ de Kepler* (1945)
- 32 Kepler's maternal grandfather ran one
- 33 Awaken
- 34 Founding member of Petreus Society
- 38 Tsar who died 12 years before publication of *Mysterium Cosmographicum*
- 39 Us, in Regensburg
- 40 "As an eccentric mystic, Kepler enjoyed the reputation . . . of a great astronomer gone slightly _____": James E. McClellan
- 41 Waikiki wreath
- 42 Rapper Mos
- 43 Leaves out
- 46 Sesame Street character
- 48 Computer display pictogram
- 51 "A grade-school librarian ___ challenged": *The Book Nobody Read*
- 53 Contains the results of Kepler's investigation of the motion of Mars
- 57 ___ University's Galileo Project includes a Kepler biography
- 58 "... this 'epitome' often serves _____ purposes": Isabelle Pantin
- 59 Near-Earth asteroid type that does not cross Earth's orbit
- 60 Near-Earth asteroid type with semi-major axes of less than one AU
- 61 "*O curas hominum, o quantum est in rebus* _____"(Kepler's motto)
- 62 Jaime Alejandro Rodriguez Ruiz, *Johannes Kepler: Del Otro Lado ___ Dios (100 Personaje)*
- 63 Had Kepler's mother been guilty as charged, she might have thrown one at you
- 64 Slacks

DOWN

- 1 One of Chekhov's three Prozorov sisters
- 2 Rocket launched from Kourou, French Guiana
- 3 Firearm component
- 4 Three-star Paris hotel
- 5 Prefix with centric or dynamic
- 6 "What's _____ for the goose"
- 7 Preparing the back of the book
- 8 Have an opinion
- 9 "The infant was baptized Johannes after the _____ of the day, the Apostle John": Max Caspar, *Kepler*
- 10 Profession of 34 across
- 11 Kepler proposed that the Sun's force on the planets must _____ inversely with distance
- 12 *The Conspiracy Against Childhood* author LeShan (1922-2002)
- 14 Agitate
- 17 Gilder and Gilder, *Heavenly _____: Johannes Kepler, Tycho Brahe, and the Murder Behind One of Histories Greatest Scientific Discoveries* (2004)
- 20 Springsteen's "Born in the _____"
- 24 Three, in Trieste
- 26 Long, deep valley
- 27 Precambrian or Phanerozoic
- 29 "Only Beginner Astronomers Forget Generating Kepler's Measurements" is a _____ for the spectral sequence of stars
- 32 ___ and outs
- 33 "___ *Pagliaccio*"
- 34 Sets sights too high
- 35 Type of paneling
- 36 "Kepler (I confess) will by no means admit of Brunus's _____ worlds": *The Anatomy of Melancholy*
- 37 "But in the intervening seasons, when the Sun is in the sign of the _____ . . . ": Kepler's *Somnium*, trans. Edward Rosen
- 38 De France or du Diable
- 42 Kepler's birthplace Weil ___ Stadt
- 44 ___ ___ play the same game
- 45 Idiot _____
- 47 Journeys, to Juvenal
- 49 In the _____ *Leicester*, Leonardo described the theory of planetshine a century before Kepler proved it
- 50 Muscat is its capital
- 52 _____ of Philip Lansbergen's tables far exceeded those of Kepler's
- 54 Supreme Court case Al ___ v. United States, striking down Military Commissions Act
- 55 "Take ___ from me"
- 56 Al Hirschfeld's drawings hid her name
- 57 Norma ___, Sally Field Oscar-winning role

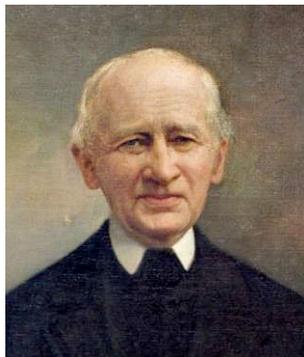


Speakers in Session HAD V in Austin, January 2012: Sierra Smith, Matthew Whitehouse, Brenda Corbin, Woody Sullivan, Virginia Trimble. Absent: Shelly Hines.

Centennials and More

Looking for something to celebrate? Here are a few special anniversaries to be observed this year:

1712 First volume of John Flamsteed's star catalog published without his permission by Newton and Halley.



1812 Birth of Johann Galle, discoverer of Neptune (after Le Verrier told him where to look).

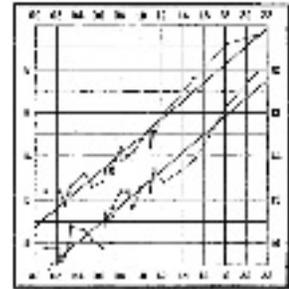


1912 Birth of Horace Babcock, inventor of the solar magnetograph, director of the Mt. Wilson and Palomar Observatories, and founder of the Las Campanas Observatory and of adaptive optics.



1912 Birth of Frank K. Edmondson (inset with Katy Pilachowski), Indiana University astronomy department chair, leader in the founding of AURA, and a long-time AAS and HAD member.

1912 Victor Hess discovers cosmic rays (*Zeitschrift für Physik* 13, 1084).



1912 Henrietta Leavitt publishes period-luminosity relation for Cepheid variable stars (*Harvard College Observatory Circular*, 173, 1-3).

1912 Birth of Edward Purcell, Nobel laureate in physics for nuclear magnetic resonance and co-discoverer (with his student, H.I. Ewen) of the 21-centimeter radiation of atomic hydrogen.



1912 Birth of Martin Schwarzschild, Princeton theorist who taught astronomers to use digital computers to make stellar models and also launched balloons to unprecedented heights to study solar surface features.

1912 Birth of Carl Friedrich von Weizsäcker, who worked out the CNO cycle for nuclear fusion in stars independently of Hans Bethe.



John Herschel Collection in Austin Now Open for Research

Alicia Dietrich, University of Texas at Austin

Members of HAD enjoyed their brief visit to the Harry Ransom Center of the University of Texas at Austin during the HAD/AAS meeting. There they saw great books by Copernicus, Galileo, and Newton, and had a glimpse of part of the extensive collection of papers and images from the family of John Herschel.

This collection is now available to researchers. For details see a press release at <http://www.hrc.utexas.edu/press/releases/2012/herschel.html>.

This page also includes a link to an online inventory recently prepared with a grant from the Friends of the Center for History of Physics at the American Institute of Physics.

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Thank You, Donors

Joseph S. Tenn, Sonoma State University

The Historical Astronomy Division depends greatly on donations. The LeRoy E. Doggett Prize for Historical Astronomy and Donald E. Osterbrock Book Prize for Historical Astronomy are funded entirely by contributions.

Thank you Jennifer Bartlett, Judith Braffman-Miller, Brenda and Tom Corbin, Rita Fairman, Arnold Heiser, Marie Lukac, Jean-Louis Trudel, and Michael Zeilik for donating to the HAD fund in 2011. Your donations will help HAD continue to provide exciting meetings and grants to speakers and graduate students.

Donating to the Doggett Prize fund last year were Jennifer Bartlett, Daniel Brocius, Brenda and Tom Corbin, Robert Hindsley, Marie Lukac, Charles Peterson, and Thomas Williams.

The Osterbrock Prize Fund received donations

from Jennifer Bartlett, Katherine Bracher, Brenda and Tom Corbin, Reginald Dufour, Martin Elvis, Arnold Heiser, Karl Hufbauer, Manuel Peimbert, Kenneth Rumstay, Daniel Schroeder, Andrew Kumanich, Joseph Tenn, and Robert Wing in 2011.

Thank you to all. Our long-term goal is to make each prize self-sustaining, with costs covered by interest. We haven't reached this goal yet, but every little bit helps.

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Call for Nominations

This Fall HAD will hold an election to choose a new Chair-Elect and the two non-officer members of the HAD Committee for the two-year term beginning at the January 2013 meeting. A nominating committee will soon be appointed and will nominate candidates, but all members are welcome to do so. According to the Bylaws, "Not later than seven months before the Regular Meeting of the Division at which the new officers shall be installed, the Secretary-Treasurer of the Division shall invite all members of the Division to propose candidates for officers and committee members for the following term. Any member of the Division proposed as a candidate for a position on the Committee by not fewer than ten (10) members of the Division at least five months before the Regular Meeting shall be deemed to be nominated to the position, provided the nominee has stated to the Secretary-Treasurer a willingness to serve if elected."

Nominees for Vice Chair/Chair-Elect must be members of the AAS, but affiliate members are also eligible for the committee positions.

Please submit nomination petitions to the Secretary-Treasurer by 1 August 2012.

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Minutes of HAD Business Meeting 9 January 2012, Austin, TX

I. The meeting was called to order by chair Jarita Holbrook.

The minutes of last year's meeting, available online as part of HAD News #78, were approved. Current (2011-13) officers were introduced.

II. Secretary-Treasurer's Report

The year's activities and membership were reviewed, as well as finances for the first 11 months of the year. Final totals for the year are posted below. During the report it was pointed out that the Bylaws state "Affiliate members will pay as dues the regular dues of the Division plus an affiliate member charge, to accrue to the AAS, which will be as specified by the Council of the AAS." Since HAD currently pays \$5 to AAS and regular dues are \$8, affiliate members should pay \$13. They were paying \$10. The Bylaws also state "Any changes in dues for Members and Affiliates shall be proposed by the Committee but shall be ratified by the Members in attendance at the subsequent Regular Meeting of the Division." A motion was made by Virginia Trimble and seconded by Jarita Holbrook to increase the dues for affiliate members to \$13 per year. It passed unanimously.

III. Committee Reports and ongoing HAD Activities

A. Obituary Committee

The Vice Chair presented an overview of the new AAS obituary policy. Obituaries now appear on the AAS website as publications in the BAAS, which is no longer printed on paper. All past obituaries have been brought to the site, and better images are replacing the old ones that can be found on ADS. Asked whether the HAD website should continue to carry an index to the obituaries, the audience responded affirmatively. There was inconclusive discussion of the suggestion by the Vice Chair that AAS members be asked to submit material when renewing their membership that would make it easier for those who eventually write their obituaries.

B. HAD Prize Committee

Prize Committee Chair Thomas Hockey announced that the recipient of the 2012 Doggett Prize, Woodruff T. Sullivan, III, would receive his prize and present a plenary lecture that afternoon. Members were asked to nominate individuals for the Donald E. Osterbrock Book Prize for Historical Astronomy by 1 March 2012.

C. The HAD Booth

This year, at the suggestion of Virginia Trimble and through the generosity of Irene Osterbrock, history of astronomy books from the library of Donald Osterbrock were given away at the booth to those who promised to either join HAD or make a donation to one of the HAD accounts. As in

previous years, the booth was staffed by volunteers from the HAD membership. Arnold Heiser reported that only two time slots were still unfilled at the time of the meeting.

D. The Minibanquet

Joe Tenn reported that the fifth annual HAD minibanquet would be held at Manuel's Regional Mexican Cooking that evening. He thanked Mary Kay Hemenway for making local arrangements.

IV. The next HAD Meetings

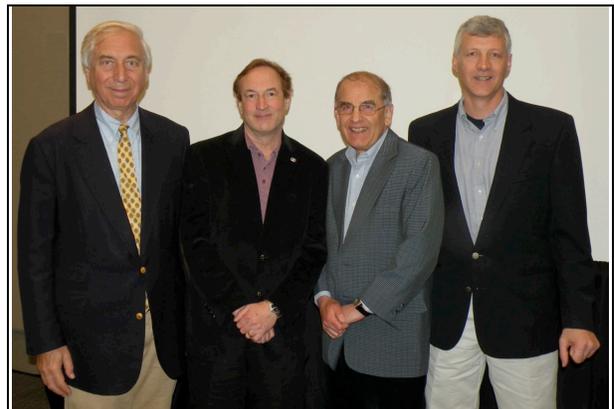
Jarita Holbrook reported that HAD's next meeting would be with the AAS in Long Beach, 6–8 January 2013, with special sessions to be arranged. Several suggestions were made for special sessions, and some members promised to submit formal proposals. Other future meetings were announced [See page 1].

V. Report on survey of the membership

A brief summary of the survey was presented. A longer version appeared in HAD News #78. It was noted that most respondents were quite satisfied with HAD activities in recent years. One suggestion was for meetings at times other than January and at places in the interior of the country. The HAD Committee has responded to this with its plan to hold two meetings in alternate years, with the second usually away from the coasts.

VI. Report on May 2011 meeting in Boston

HAD met twice in 2011. The Boston meeting, held in conjunction with AAS Meeting #218 and the centennial meeting of the AAVSO, included two HAD special sessions, "Women in the History of Variable Star Astronomy" and "Variable Star Astronomy in Theory and Practice," both organized by Thomas Williams, who reported on them.



Speakers in the Transit of Venus session in Austin, January 2012: Jay Pasachoff, William Sheehan, Nick Lomb, Chuck Bueter.

Treasurer's Report

HAD Account

Balance 12/31/10 \$17,899.77

Income 2011

Dues	2,206.00	
Contributions	327.00	
Interest	466.44	
TOTAL INCOME		+2,999.44

Expenses 2011

Speakers at meetings	3,152.09	
Booth	94.95	
Newsletter	102.15	
Recruitment	172.25	
Fall Leadership Conf.	829.42	
Student travel award	500.00	
AAS fees	354.38	
Affiliate member fees	<u>210.00</u>	
TOTAL EXPENSES		-5,415.24

Investment Value Change		-1,109.16
<u>Net Change 2011</u>	<u>-3,524.96</u>	

Balance 12/31/11 \$14,374.81

Doggett Prize Fund

Balance 12/31/10 \$32,082.27

Income 2011

Contributions	417.00	
Interest	835.39	
TOTAL INCOME		+1,252.39

Expenses 2011

AAS fees	<u>10.43</u>	
TOTAL EXPENSES		-10.43

Investment Value Change		-1,986.40
<u>Net Change 2010</u>	<u>-744.44</u>	

Balance 12/31/10 \$31,337.83

Osterbrock Prize Fund

Balance 12/31/10 \$14,972.53

Income 2011

Contributions	1160.00	
Interest	390.19	
TOTAL Income		+1550.19

Expenses 2011

Honorarium	500.00	
Certificate	350.00	
Recipient's travel	1075.11	
AAS fees	144.51	
TOTAL EXPENSES		-2069.62

Investment Value Change		-927.80
<u>Net Change 2011</u>	<u>-1447.23</u>	

Balance 12/31/10 \$13,525.30

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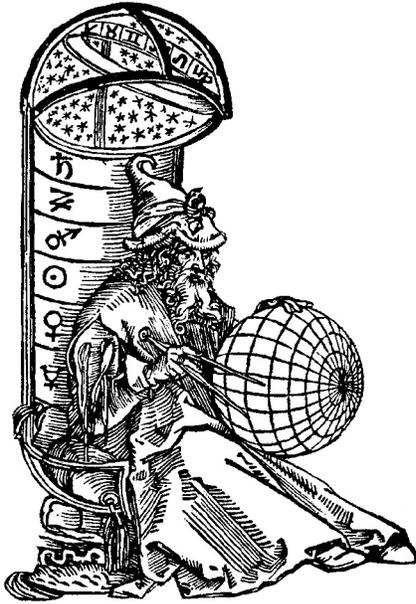
Solution to Crossword Puzzle																	
M	A	R	A	T			S	I	D		S	A	D	E			
A	R	A	R	E			S	A	N	E		A	C	I	D		
S	I	M	I	L	I	T	U	D	E			I	A	M	A		
H	A	R	M	O	N	I	C	E	M	U	N	D	I				
A	N	O				T	R	E	X		S	T	E	N	T		
			E	D	G	E	R			I	M	A		M	I	R	
						L	O	I		I	N	N		R	I	S	E
			O	W	E	N	G	I	N	G	E	R	I	C	H		
I	V	A	N			U	N	S			M	A	D				
L	E	I				D	E	F			O	M	I	T	S		
E	R	N	I	E			I	C	O	N			W	A	S		
			A	S	T	R	O	N	O	M	I	A	N	O	V	A	
R	I	C	E				D	I	D	A	C	T	I	C	A	L	
A	M	O	R				A	T	E	N			I	N	A	N	E
E	S	T	A				H	E	X				P	A	N	T	S



Speakers in Session HAD IV in Austin, January 2012: Donald Olson, Joseph Tenn, Linda French, Steven Dick, Bradley Schaefer, Anthony Hull.

Solution to Trivia Quiz

1. The 3rd meeting. President Theodore Roosevelt received the astronomers on 31 December 1901.
2. The 69th meeting, Evanston, Dec. 1942. Travel was difficult in wartime. There were 28 members and 11 guests. Most of the members were housed in the Zeta Tau Alpha fraternity house of Northwestern University. Thirty-four papers were presented.
3. The 63rd meeting, Delaware, Ohio, December 1939. The astronomers stayed in a dormitory on the Women's Campus of Ohio Wesleyan University. The quotation is from Dean B. McLaughlin, *Popular Astronomy* 48, 59 (1940).
4. The 64th meeting, held in Wellesley, MA, Sept. 1940.



Historical Astronomy Division of the American Astronomical Society

HAD News #80, April 2012, edited by Joe Tenn
Please send contributions for the next issue,
comments, etc. to joe.tenn@sonoma.edu.

A complete version of this newsletter, with color
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