Minutes of the 91st Spring Meeting of the AAVSO, Held June 30–July 6, 2002, Waikoloa Beach, Hawaii

Martha L. Hazen
AAVSO Secretary, 15 Chilton Street, Belmont, MA 02478

The 91st Spring Meeting was held in conjunction with the 2nd High-Energy Astrophysics Workshop for Amateur Astronomers, and was co-sponsored by the AAVSO and the NASA-Marshall Space Flight Center (MSFC).

The Executive Board and the Council held their spring meetings at AAVSO Headquarters on April 13, 2002.

The meeting started with a traditional open-air *luau* at the hotel on June 30, followed by a traditional island dance program.

The membership meeting was called to order on July 1 at 9:03 A.M. by Director Janet Mattei. A traditional Hawaiian opening in Hawaiian language and welcome were given by Alyce Ikeoka, a Hawaiian teacher. Janet expressed her warm thanks to Karen Meech for hosting and helping with the organization of the meeting. Janet then turned the meeting over to President Dan Kaiser.

Secretary Martha Hazen gave a summary of the minutes of the November 2001 Annual meeting, as prepared by Secretary *pro tem* David Williams. The minutes were accepted as presented.

Treasurer Louis Cohen presented his semi-annual report for the period October 1, 2001, through March 31, 2002. He noted that expenses exceeded income by $11,000 during the period. The treasurer's report was accepted as presented. President Kaiser thanked the treasurer for his report.

The following committee reports were read:

Charge-Coupled Device (CCD)	Gary Walker, Chair
New and Preliminary Charts	Charles Scovil, Chair
Telescope	Charles Scovil, Chair
Nova Search	William Dillon (for Kenneth Beckman)
Photoelectric Photometry	Wayne Clark (for J. Phillip Manker)
RR Lyrae	Marvin Baldwin, Chair
Eclipsing Binary	Marvin Baldwin, Chair
Solar	Carl Feehrer, Chair

There was no report from the Supernova Search Committee.

Director Mattei presented the list of 93 new members accepted at the Council Meeting on April 13. She described the current distribution of members and observers.

Director Mattei read the list of members deceased since the last meeting. They are George Glagola, Lynn Matthias, Allen C. Montague, Arthur Stokes, and John Ulrich. Members and guests stood for a moment of silence to honor these late members.

Director Mattei then presented her semi-annual report. Highlights of this report include: completed development of new chart-making software; produced and distributed several hundred new charts; resolved multi-band data plotting program; responded to 246 requests for AAVSO data; continued evaluation of LPV observations in preparation for publication; redesigned and expanded HOA web site and pamphlet; made good progress on the archives project; prepared for publication Dorrit Hoffleit's autobiographical memoir.

The director then discussed various points. She noted that the AAVSO web site activity is up substantially over last year. She noted that there would be several Observer Awards presented at the banquet. Also, the recipients of this year's Director's Awards are William Albrecht, Thomas Cragg, Rod Stubbings, and Richard Wend.

Director Mattei closed by expressing her thanks to math teacher Victor Kim, Jr., of Hawaii, for the Astro *Tai Chi* program that he conducted early every morning of the conference.

Director Mattei announced that the Annual Meeting in the fall of 2002 would be held in Somerville, MA, on October 24–27. The Spring Meeting of 2003 will be in either Arizona or New Mexico.

There followed a Town Meeting of open discussion on charts. John Toone talked about the International Chart Working Group which met Sunday before at the same location and the decision they took to standardize chart sequences. Michael Simonsen then talked about guidelines for standards. This was followed by an open question and answer session on charts. The Semi-Annual Membership Meeting was adjourned at noon.

Following a lunch break, Scientific Paper Session #1 convened. The list of papers is attached to these minutes.

After dinner, members and guests attended a very interesting public lecture by Karen Meech, entitled "Archaeoastronomy and Astronomy of Ancient Hawaii." This was followed by a public stargazing session at the luau grounds hosted by teachers of Towards Other Planetary Systems (TOPS, the teacher enhancement program directed by Karen Meech).

On July 2, Scientific Paper Session #2 was convened in the morning, and, again, the list of papers is attached to these minutes. Tours of the local area were offered during the afternoon and evening.

On July 3, members and guests enjoyed a tour of Mauna Kea. During the evening, attendees partook of a reception and buffet dinner for the High-Energy Astrophysics (HEA) Workshop.

July 4 and 5 were the HEA Workshop itself. During the workshop the AAVSO presented three special awards to Gerald J. Fishman and Chryssa Kouveliotou of NASA/Marshall Space Flight Center for their strong support of AAVSO International GRB Network activities, and to Arne Henden of USNO, Flagstaff, for his mentoring GRB Network observers. On the evening of July 4, a "Fourth of July" barbecue was held at the luau grounds. The grounds made a fine place to watch the local celebratory fireworks.

The closing banquet for the meeting was held on July 5. This included the Observer and Director's Awards Presentation as mentioned above, and a special guest lecture by Nick Kaiser of the University of Hawaii.

On July 6, there was a full-day tour of the Volcanoes National Park site at Kilauea. Participants toured the visitor center and Halemaumau fire pit, and also the site of active lava flows along the Chain of Craters road. A few members and guests went on to Mauna Kea for sunset and astronomical observing.

Papers presented at the Scientific Paper Session on Monday, July 1, 2002

Douglas T. Durig	Observations of Supernovae and Gamma-Ray Bursts as Co-operative Observing Exercises for Advanced Astronomy Classes
Kirk S. Holtgrewe Douglas T. Durig	Observations of the Cataclysmic Variable 1 RXP J113123+4322.5
Margarita Karovska	Latest Surprises from Mira the Wonderful
Kevin B. Marvel	Chemistry Near Evolved Stars via mm Interferometry
Albert A. Zijlstra	Evolution and Instability in Mira Variables
Robert H. Nelson	Star Modeling with a Laptop
Charles J. Rodkey	NASA's Swift Satellite—Gamma-Ray Bursts on the Fly
Karen Jean Meech	Science Outreach for the Deep Impact Mission

Papers presented at the Scientific Paper Session on Tuesday, July 2, 2002

Arne A. Henden	*JHK* Standards for Small Telescopes
Mario E. Motta	Calculating the Total Photon Flux from Luminous Events
Gary Billings Dirk Terrell	Observations and Modeling of the Eclipsing Binary GSC 3515:0865
Dan Kaiser	2002 OW Gem Secondary Eclipse: Call for Observations
Orville H. Brettman	Standstill Behavior in the Light Curve of UZ Serpentis
John Pazmino	Street Stars
Carl E. Feehrer	Day-to-Day Variation in Estimates of Sunspot Group Totals
Martha L. Hazen Janet A. Mattei	Period Changes in the Long Period Variable TY Cas
Seiichi Sakuma	Japan's First Variable Star Observer, Dr. Naozo Ichinohe
Sallie Teames	Signs of Eta Carinae Outburst in Artifacts of Ancient Bolivia
Rodney Howe	Detecting Cosmic Rays Coming into Our Atmosphere with the Help of Clustering Statistics

List of New Members Accepted at the Spring Meeting, July 1, 2002

Axelsen, Roy, Australia
Bakewell, William C., CA
Ball, Richard, England
Bapt, Nicolas, France
Bartlett, Terrill, TX
Berdnikov, Leonid N., Russia
Bourerot, Todd A., NJ
Brewster, Stephen, CA
Caputo, Leslie F., WA
Carter, Dennis, CA
Castro, Edgar, FL
Chalupka, Frank P., NY
Clements, Greg, NE
Cowles, Dennis J., LA
Cox, Andrea, WI
Daffin, Charles, NC
S Darby, Robert, NC
Davis, William, WI
Dickinson, Jon, PA
Dillon, William Patrick, TX
S Dorn, David M., CT
Doyle, Brian, Ireland
Dutton, Anthony Joseph, Australia
Ehmann, Amy, PA
Elwell-Gavins, Keith, Australia
Ferguson, Leonard L., TX
Foster, Steven C., NH
Franck, Donald R., TX
Gainer, Michael, PA
Gary, Bruce L., CA
Genet, Russell M., AZ
Graham, Kenneth, CT
Gundy, L. Michael, GA
Hasslocher, Robert N., TX
Hergenrother, Carl, AZ
Hochberg, Jody, PA
Hohman, Dennis G., NY
Howland, Graham, England
Ivey, William Max, NY
Jensen, David D., NE
Johanns, Robert, Netherlands
Johnson, George P., OR
S Johnston, A. Sidney, MA
Kent, Susan M., IL
Kipfer, Michael G., IN
Klinglesmith, III, Daniel A., NM
Knowles, Sr., Richard N., OH
Knox, Richard, OR
Koppelman, Michael, MN
Kratzwald, Leondios, Austria
Krozel, Larry, MA
La Favre, Jeffrey, OH
Lockridge, Jason, AL
Lyons, Luke C., England
Mazurek, Matthew, CA
McCrae, Andrew, Scotland
Miner, Phil, IL
Momose, Masahiko, Japan
Mraz, Frank J., FL
Murciano-Goroff, Raviv, MA
Nacman, Alwyn J., DE
Nicholson, Martin, England
S O' Neill, J. Peter, Canada
Ott, J. Stephen, KY
Overton, Wesley Henry, OK
Papanikolopoulou, Dimitra, Greece
Parlante, David, MA
Perry, Daniel V., MI
Pietila, Peter, MI
Revets, Stefan A., Australia
Reynolds, Brian A., IA
Robertson, Charles, KS
Rodenhuis, Lynn, MD
Rodkey, Charles, PA
Rossetti, Michael, OH
Saw, Adrian, Australia
Sawyer-Beaulieu, Susan, Canada
Scott, James, IL
Sharpton, Robin, Guam
Smith, Eric, OK

S = sustaining membership

continued on next page

List of New Members, cont.

Spencer, Ronald C., ME
Stillwell, Benjamin K., NM
Szpir, Michael, NC
Temprano, Javier, Spain
Teske, David R., MS
Thomas, Andrew, WA
Tiernan, Anne, NH
Vijayasingam, Vijayaraj, Malaysia
Vince, Charles L., England
Watkins, Mary H., PA
Weaving, Douglas D., FL
Wetherington, Dale, FL
Zeller, Paul A., IN

List of Deceased Members, Observers, and Colleagues

Glagola, George, OH
Matthias, Lynn, WI
Montague, Allen C., NC
Stokes, Arthur J., OH
Ulrich, John, CO

AAVSO Observer Awards

Presented at the 91st Spring Meeting, Waikoloa Beach, Hawaii, July 6, 2002

Over 50,000 Observations				
Richard W. Schmude, Jr.	USA	1994–2001	50,334	
Over 25,000 Observations				
Eddy Muyllaert	Belgium	1985–2001	28,502	
Frederick R. West	USA	1977–2001	25,346	
Over 10,000 Observations				
Michael A. Simonsen	USA	1998–2001	13,531	
Andrew Pearce	Australia	1989–2001	13,252	
Peter Williams	Australia	1988–2001	10,481	
Erhan Eker	Turkey	1999–2001	10,453	
Thorsten Lange	Germany	1994–2001	10,349	
Alfred Holbe	Germany	1995–2001	10,298	
*Over 25,000 PEP/CCD Observations**				
Lewis M. Cook	USA	1974–2001	30,596	CCD
*Over 10,000 PEP/CCD Observations**				
Gerard Samolyk	USA	1975–2001	14,387	CCD
*Over 5,000 PEP/CCD Observations**				
Shawn W. Dvorak	USA	1981–2001	7,074	CCD

continued on next page

Observer Awards, cont.

*Over 2,500 PEP/CCD Observations**

Donn Ray Starkey	USA	2000–2001	4,756	CCD
Christopher W. Hesseltine	USA	1975–2001	3,576	CCD
Ladislav Smelcer	Czech. Repub.	1994–2001	3,391	CCD
Robert A. James	USA	1953–2001	3,076	CCD
Arto Oksanen	Finland	2000–2001	2,504	CCD

*Over 1,000 PEP/CCD Observations**

Charles Pullen	USA	1998–2001	2,409	CCD
Marko Moilanen	Finland	2000–2001	1,507	CCD
Timothy Hager	USA	1985–2001	1,130	CCD
Orhan Golbasi	Turkey	2000–2001	1,019	CCD
Nik Stoikidis	Greece	1974–2001	1,001	PEP

* Years include total AAVSO observing interval (not only PEP/CCD observing).
Total includes PEP and/or CCD observations only (not observer's visual contributions).

AAVSO Director's Awards

AAVSO Director's Awards were presented at the 91st Spring Meeting, Waikoloa Beach, Hawaii, July 6, 2002, to:

William B. Albrecht, Oconomowoc, Wisconsin, U.S.A.
Thomas A. Cragg, Coonabarabran, New South Wales, Australia
Rod Stubbings, Drouin, Victoria, Australia
Richard E. Wend, Spring Grove, Illinois, U.S.A.