

**MINUTES OF THE 73RD SPRING MEETING OF
THE AAVSO HELD IN AMES, IA
MAY 25 - 26, 1984**

1984JAVSO..13

The 73rd Spring Meeting of the Association began May 24, 1984, with an informal dinner for early arrivals, followed by an enjoyable open house at the home of the meeting hostess, Dr. Lee Anne Willson. The next day was filled with tours of the Iowa State University campus, a Computer Workshop in the ISU Physics Building, a chicken barbeque dinner held in a park in Boone, IA, and, in the evening, a tour of the nearby Fick Observatory of ISU. Weather for the last turned out to be clear with dark skies, so many observers stayed until after midnight making use of the various telescopes at the Fick Observatory.

The general business meeting of the AAVSO was called to order by President Ernst H. Mayer at 9:15 AM on May 26, 1984. Dr. Willson gave a short welcoming speech, and the Minutes of the October, 1983, meeting were approved following corrections. The Interim Report as of March 30, 1984, details of which appear in this issue of JAAVSO, was presented by the Treasurer Mr. Wales, showing expenditures exceeding income for the past six months by approximately \$5500. This gap would be closed, Mr. Wales indicated, by again resorting to the unexpended income fund; however, such action would reduce the balance in that fund to about \$5000. Following further discussion, the Director presented the new membership list for this meeting, as approved by the Council at its meeting on May 24, 1984. This list was approved with applause, and was followed by a reading of the report of the Nominating Committee by its Chairman, Mr. Stokes:

Candidates for Council, to be voted on at the
Annual Meeting in October, 1984

Marvin E. Baldwin	(Indiana)
Dr. George L. Fortier	(Quebec, Canada)
Dr. Martha Hazen-Liller	(Massachusetts)
Edward G. Oravec	(New York)
Dr. John R. Percy	(Ontario, Canada)
David R. Skillman	(Arizona).

The President then opened the meeting to Committee Reports, and the following were duly presented and discussed:

Solar Division	Mr. Taylor (read by Dr. Mattei)
Standard Chart Distribution	Dr. Mattei
Nova Search	Mr. Beckmann (given by Dr. Mattei)
Eclipsing Binary	Mr. Baldwin
RR Lyrae Stars	Mr. Baldwin
Photoelectric Photometry	Mr. Landis
New Charts	Dr. Ford
Telescopes	Mr. Scovil.

Dr. Mattei reported that some reversed charts, for use with diagonal-equipped eyepieces, have been prepared by Edward A. Halbach, with copies available through Headquarters. Dr. Ford reported that a total of 7351 preliminary (new) charts were distributed in the past six months to 39 observers in 7 countries. Mr. Baldwin reported that 168 eclipses were observed on 104 variables by 8 observers, and that 10 RR Lyrae minima were observed. Two issues of the Photoelectric Photometry Newsletter have been issued since October, 1983, per Mr. Landis' report. Mr. Scovil announced the Council's decision at its meeting on May 24, 1984, to sell the long-held Post 6-inch refractor in the future, for a minimum price of \$5000. Details of Committee Reports are given in this issue of JAAVSO.

Following a coffee break, the meeting resumed at 10:30 AM. Dr. Willson made some announcements, and Dr. Mattei presented her Interim Report of Headquarters Activities for the past six months. Highlights included: (1) Grand total of over 5 million AAVSO observations now made and reported; (2) Requests for AAVSO data increased again to an all-time high; (3) the Association's work received well at the North American Workshop on Cataclysmic Variables held at Louisiana State University in February, 1984; (4) Geographic distribution of members and observers attending this Iowa meeting at all-time high with members from Africa, Spain, Canada, Florida, California, etc.; (5) Future meeting plans include the Annual Meeting in Salem, MA, October 26 - 27, 1984, and the 1985 Spring Meeting at the University of Washington in Seattle, WA.

Dr. Mattei asked that all rise to observe a minute of silence out of respect for two members deceased since October, 1983: Dr. Theodore Dunham, Jr. and Robert A. Walsh.

The meeting was opened at 11:30 AM to Mr. Jack C. Troeger, co-founder of the Ames Amateur Astronomers, for a talk concerning that organization and its new observatory which is to be dedicated soon. He stated that the AAA now has over 40 members, some 20 of whom were involved in preparations for this AAVSO meeting. Thanks were extended to the AAA for all their efforts. The general business meeting was adjourned at 11:40 AM.

The Saturday afternoon paper session convened about 2:15 PM, with Mr. Thomas R. Williams presiding. Papers were duly presented and discussed, per the appended list. Details of most papers appear in this issue of JAAVSQ in either abstract or complete form. (Also appended is a list of papers presented at the Computer Workshop Friday afternoon. Abstracts of two of these papers appear in this issue of JAAVSQ.)

Members and guests assembled for the scheduled banquet in the north ballroom of the Gateway Center at 6 PM on Saturday, May 26. The banquet speaker, Dr. George Bowen of the ISU Physics Department, gave an excellent, illustrated talk on Mira variables from the standpoint of the physicist studying the causes of their variation. An extended question and answer session followed this interesting lecture, and the banquet meeting finally adjourned about 10:30 PM. On Sunday, May 27, most attendees were "on the road" home after a very successful 1984 spring meeting. Some attendees visited the new observatory of Grinnell College, Grinnell, IA, at the invitation of our new member Dr. Robert Cadmus.

Clinton B. Ford
Secretary

LIST OF PAPERS PRESENTED AT THE COMPUTER WORKSHOP
AT THE 73RD SPRING MEETING
OF THE AAVSO HELD IN AMES, IA
MAY 25 - 26, 1984

<u>Order of Presentation</u>	<u>Author</u>	<u>Title</u>
1.	Robert A. Stewart	The Atanasoff-Berry Computer
2.	Janet A. Mattei	AAVSO Headquarters Computer and Its Usage
3.	Thomas C. Bretl	Recording Observations on a Microcomputer

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| 4. | Douglas M. Slauson
Jack C. Troeger | The Computer as a Tool in
Photoelectric Photometry |
| 5. | Howard J. Landis | A Basic System for Reducing
Strip-Chart Data |
| 6. | Paul L. Sventek | Variable Star/Asteroid Appulse
Predicting |

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1.	Jack C. Troeger	Observations of Delta Cephei by 9th Grade Earth Science Students
2.	Ernst H. Mayer	Strategic Variable Star Observing
3.	John R. Percy David Keith (read by J. Percy)	The Application of Visual Observations to the Study of a Small-Amplitude Variable Star: Rho Cassiopeiae
4.	Howard J. Landis	Preliminary Results of Obser- vations of EU Delphini
5.	Richard A. Crowe	Radial Velocities of Northern Hemisphere Miras
6.	Russell C. Maag	Excellence In Science: A Challenge
7.	Richard W. Fleet	Observing Experiences In and Around Zimbabwe
8.	Dorrit Hoffleit	The Christmas Star, Novae, and Pulsars
9.	Janet A. Mattei	The Optical Behavior of SS Cygni for the International Campaign
10.	Tom Beach	V471 Tauri and Clouds
11.	Joyce Guzik	On the Subject of T Tauri Stars
12.	Lee Anne Willson	The Mira Period-Luminosity Relation - ?
13.	Russell C. Maag	Expedition to South America for Comet Halley

List of New Members Accepted at this Meeting:

ADAMS, J. Elaine, MA	LAZUKA, Thomas, IL
BARSBY, John, South Africa	LIFGREN, Martin W., Jr., NY
S BOLTON, Craig A., TX	LOCATELLI, Cesar, France
BRINCAT, Stephen M., Malta	MALMROS, Mark K., PA
BUJAK, Paul M., OH	MARCEY, Brian A., VA
BUNCH, Daryl W., OK	S McCANTS, Michael M., TX
BURGESS, Ken, NJ	MCKELLAR, Brian D., MI
CADMUS, Robert R., Jr., IA	McLEROY, John J., CA
S CENTRAL FLORIDA ASTRONOMICAL	MELILLO, Frank J., NY
SOCIETY, FL	MINTER, Todd M., WI
CORRIERE, Michael, NY	MOLENDY, Gary G., TX
DAVIDSON, Robert K., NV	NICKAS, George, TX
DEY, Arjun, IL	PARMENTIER, Ronald, WI
DORREN, J. David, Taiwan, R.O.C.	PEREZ-REVILLA, Alain, France
DUDEK, David, CA	RIVIERE, Jim E., NC
FRIGON, Leon A., CA	ROEMMELT, John C., MI
GERACE, John A., NV	ROUSOM, John F. W., Canada
GERTSON, Peter N., CA	SAKUMA, Sei-Ichi, Japan
GESCHWIND, Ralph, OH	SCALCIONE, Julia L., IL
GLANZ, Ofer, Israel	SCOFIELD, Timothy W., GA
GUTRIDGE, Milford A., OK	SOMERS, Joe, NJ
HARLAND, Gary, Canada	STONY BROOK ASTRONOMY CLUB, NY
HUNT, Ralph R., OH	SZYMANSKI, Waclaw S., Poland
JENNINGS, Vernon V., VA	TIC, Bojan, Canada
JOHNSON, James R., TX	WATTS, David L., MS
JONES, Keith L., Australia	WREN, Philip M., AL
KITTRELL, Michael E., KS	YAMASAKI, Howard T., HI
LARR, Eugene C., CA	ZELLER, Paul A., IN

S - Sustaining

List of Members Changing from Annual to Sustaining:

BLAGG, Bill, TX	KNOWLTON, David F., CA
BUSS, John C., CA	KOESTER, John D., VA
DOTEN, Glenn P., MA	McMILLAN, Betty P., NC
GARRETSON, Donald J., FL	MENOHER, Pearson T., CT
HAUGH, Thomas W., Jr., FL	SHOTTER, Lawrence J., PA
HOLLIS, Wayne, PA	SZYBOWICZ, Ted, MI
KISSELL, Kenneth E., VA	WALLERSTEIN, George, WA

List of Members Deceased since September 30, 1983:

DUNHAM, Theodore, Jr., NH	WALSH, Robert A., AZ
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