

Art Koster

32ND ANNUAL
Astronomical League
Convention

commemorating the centennial



WASHBURN OBS.
1878-1978

June 29, 30, July 1, 1978
Madison, Wisconsin

GENERAL CHAIRMAN DORIS V. KOSTER

GENERAL CONVENTION COMMITTEE:

Doris V. Koster
Greg Novacek
Roger Balliette, President
Madison Astronomical Society
David Weier, Vice President
Madison Astronomical Society
Jane Weier

EXHIBITS:

Reginald Kilps
Carl Bauman

PAPER CHAIRMAN Arthur L. Koster

PROCEEDINGS Don Thompson

TREASURER John Winslow

FIELD TRIPS:

Paul Fritschel
Greg Novacek
John Hansen

PHOTO CONTEST Greg Novacek

ART & TYPING Jane Weier

ASSISTED BY:

Madison Astronomical Society, Inc., Members
and The Explorer Post 14 (Astronomy Specialty)

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OF THE ASTRONOMICAL LEAGUE

Pres., Robt. E. Fried

Vice Pres., Hollis Schmohe

Secy., R. P. Van Zandt

Treas., Francis D. Cecil

Exec. Secy., Jerry M. Sherlin

TUESDAY, JUNE 27TH

7:00-9:00 League Council Meeting (Maple North)

WEDNESDAY, JUNE 28TH

9:00-5:00 League Council Meeting (Maple North)

6:00-8:00 Council Banquet (Birch South Room)

5:00-10:00 Registration/Check-in

THURSDAY, JUNE 29TH

8:00-5:00 Registration/Check-in

NOTE: "Welcome" and all papers to be presented in the Ballroom.

9:00-9:30 Welcome: Roger Balliette
Doris Koster
Robert Fried

9:30-10:30 Keynote Speaker
"Astronomical Research at Lick Observatory: Past, Present, and Future"
Dr. Donald E. Osterbrock
Director, Lick Observatory

10:30-10:50 Coffee Break

10:50-11:50 PAPER SESSION

"The A.L. and the A.S.P.--How We can Work Together"
Andrew Fraknoi, A.S.P.;
Editor, Mercury

"Washburn Observatory"

John Hansen, Madison Astronomical Society

"Watch Upon a Star"

Jerry M. Sherlin, Omaha Astronomical Society

11:50-1:00 Lunch (Gateway Room)

1:00-1:30 Picture (Front Entrance)

1:45-2:45 Invited Paper

"A Review of Interstellar Molecules"
Dr. Edward B. Churchwell
University of Wisconsin

2:45-5:00 PAPER SESSION

"New Theories"

Arthur J. Johnson
Astronomical Society of the Pacific

"Black Holes"

Michael Potter
Kalamazoo Astronomical Society

"Low Profile Approach to Space Industrialization"

Paul Rambow
Naperville Astronomical Association

"Hyde Memorial Observatory: A Public Observatory"

Richard Johnson
Prarie Astronomical Club

5:30-7:00 Dinner (Gateway Room)

7:30-9:30 Astronomical League Business Meeting
(Ball Room)

9:30-?? Open House at WASHBURN OBSERVATORY
and OSCAR MAYER OBSERVATORY

FRIDAY, JUNE 30TH

7:30-8:30 Breakfast (Gateway Room)

8:00- Registration/Check-in

9:00-10:00 Invited Paper

"The Fates of Stars"
Dr. John S. Mathis
University of Wisconsin

10:00-11:50 PAPER SESSION

*"Recent Developments Concerning the
Observation and Prediction of
Occultations of Stars by Minor Planets"*
Dr. David W. Dunham, I.O.T.A., A.A.I.

"Graze Nearby"
John D. Phelps, Argonne Astronomical
Club, Calumet Astronomical Society

"Search for the Distant"
Michael Flick, Midwestern Astronomers,
A.S.P., R.A.S.C.

*"Light Pollution in the Milwaukee
Vicinity"*
Richard Berry
Milwaukee Astronomical Society

"Lunar Stratigraphy at the Telescope"
James H. Fox, 3M Club Astronomical
Society, Twin City Astronomical Club

11:50-1:00 Lunch (Gateway Room)

1:00-2:00 Invited Paper

*"The Life and Hard Times of a
Massive Early Type Star"*
Dr. David C. Abbott
University of Wisconsin

2:00-5:15 Field Trip to PINE BLUFF OBSERVATORY

NOTE: Dinner is not being served,
you are on your own.

9:30-?? Open House at WASHBURN OBSERVATORY
and OSCAR MAYER OBSERVATORY

SATURDAY, JULY 1ST

7:30-8:30 Breakfast (Gateway Room)

8:00- Registration

8:15-9:00 North Central Region Council Session
(Ballroom)

9:00-10:00 Invited Paper

"Those Amazing Binary Stars"
Dr. Lowell Doherty
University of Wisconsin

10:00-11:50 PAPER SESSION

"Mathematics of Eclipsing Binary Stars"

Gary Wedemeyer
Milwaukee Astronomical Society

"Celestial Photography"

Robert Little, A.A.A., Inc.

"Eclipse at Sea"

Peter R. Kwentus
Warren Astronomical Society

11:50-1:00 Lunch (Gateway Room)

12:45-1:15 North Central Region Business Meeting
(Ballroom)

1:15-3:00 PAPER SESSION

"Eye Injuries and the Solar Eclipse"

B. Ralph Chou, Tronto Center, R.A.S.C.
(Read by Robert Young)

"Tools of the Ancients"

John Ventre, Midwestern Astronomers,
Cincinnati Astronomical Society

"A New TCT Instrument"

Robert E. Cox, Astronomy

*"Digital Encoders as Applied to
Telescopes"*

Roger Tuthill, A.A.I.

3:00-3:20 Coffee Break

3:20-5:00

PAPER SESSION

*"Microcomputers in Amateur
Astronomy"*

Berton Stevens, Jr., Racine Astro-
nomical Society, Chicago Astronomi-
cal Society

*"Renovation at Seagraves Memorial
Observatory"*

Stephen Siok, Skyscraper's Inc.

"Education in Astronomy"

Mike D. Reynolds, Omega Observatory

*"Observational Astronomy for Elementary
and Junior High Students"*

Ronald A. Woertz
Northwest Suburban Astronomers

"Exploring Astronomy"

Reggie Kilps
Madison Astronomical Society

6:00-8:30

BANQUET (Gateway Room)

Banquet Speaker

*"First Scientific Results from
the International Ultraviolet
Explorer"*

Dr. Blair D. Savage
University of Wisconsin

* * * NOTES * * *

A SPECIAL "THANK YOU" TO:

THE SHERATON INN
THE UNIVERSITY OF WISCONSIN
ASTRONOMY DEPARTMENT,
ESPECIALLY JOHN MATHIS

DOOR PRIZES COURTESY OF:

Astro-Murals
Astronomical League Book Service
Astronomy Magazine
Edmund Scientific Company
Gall Publications
Janus Publications
Potter, David A.
Sky Publishing Corporation
Thomas Spencer Enterprises
Tuthill, Roger W., Inc.