Colorado Astronomy Day
Saturday, October 4, 2003

With the recent approach of Mars, Colorado Astronomy Day, October 4th, also promises to provide fun and educational activities for the entire family. The event is presented by the Denver Astronomical Society and co-sponsored by the University of Denver’s historic Chamberlin Observatory and the Denver Museum of Nature & Science.

Daytime activities will take place at the Denver Museum of Nature & Science, where visitors will be able to take a journey through the solar system by watching a show at Gates Planetarium. Attendees will also have the opportunity to participate in a multitude of exciting, educational activities at Space Odyssey and view solar spots on the Sky Terrace in the new Leprino Family Atrium. Speakers throughout the day will discuss current astronomical research. Admission is free to museum members. General admission tickets are $8 each for adults and $5.50 each for children (ages 3-12) and seniors (60+).

Beginning at 7 p.m., join us at Chamberlin Observatory, 2930 E. Warren Ave., Denver, to view Mars through the 109 year-old 20” Alvan Clark telescope, the 12th largest refractor telescope in the world. We will also have over 30 amateur telescopes available for viewing, along with astronomy-related activities for kids. This is a free event and reservations are not necessary.
President’s Corner, October 2003

Have you joined the DAS Yahoo! group yet? If not, you may be missing important information about club events, astronomy-related news, CCD imaging tips, purchasing equipment or how to get the most out of what you have, recent observations, and recent pictures taken by club members. Follow the directions below to stay in touch with club members who share your interests.

2. On the left side of the page there is an area to sign in or register, click on register initially. After your account is set up, you will click on sign in.
3. Complete your information and be sure to uncheck the box about promotional advertisements, etc.
4. Click on the submit button at the bottom of the page.
5. Once you have registered, click the link that will take you to yahoogroups.com.
6. Under the heading ‘Join a group’ search for Denver Astronomical Society. There are two groups to select from; you can choose one or both of them:
   a. Denver Observer group – this group will enable you to receive the monthly newsletter online instead of in the mail
   b. Denverastro group – this group will allow you to receive emails about club events, news, equipment and observation reports
7. Click on the link to the group you want to select and it will then take you to another page, from there you can choose to officially join the group.
8. You will receive an email from Yahoo! after you join, providing a verification number that you will need to enter prior to joining a group.

Once you have joined the Denverastro group you will see several links to the right side of the page (start a group, my groups, account info, or sign out). These links will also appear after you have registered and sign in at a later time. Under the link ‘My Account Information’ you can select your preferences (i.e. if you would like all emails sent to you individually; grouped together daily; or if you would prefer not to receive the emails, you can sign in at your leisure and read messages that have been posted).

If you have any trouble with the process, there is a link to the Help menu at the top right of each page.

Once you are a member of the site, you can sign in and view messages, files, photos and links (they will be listed on the left-side of the page).

If you have any additional questions, you can email me at ccastrogirl@aol.com for more information.

On another note, special thanks to Norm Rosling for donating an orange filter we can use with club telescopes during public nights and open house events. Hope to see everyone at Colorado Astronomy Day! ~ Carla Swartz

DAS Participation Prize Winner

Congratulations to Roger Hassell, 3rd quarter DAS Participation Prize Winner.

Roger is a newcomer to the DAS, joining only this last Spring. His interest in Astronomy goes back to his high school days when he purchased his first telescope, a 6" reflector, in 1973. After his school years, his participation in astronomy lay dormant until 1977 when he became a charter subscriber to Astronomy Magazine. Although he has kept every issue since it was first published, he did not resume his active observing of the skies until a few years ago when he purchased his Celestron GPS-11.

Two prizes were awarded to Roger at the September DAS meeting when his name was drawn from those members who had filled out "Participation Slips" during the last three months. A pair of 10 X 50 Bausch & Lomb Binoculars and a one year subscription to Sky and Telescope Magazine.

You can also become eligible for a participation prize by volunteering for public nights, open houses, school star parties, clean up days at Chamberlin, or work days at the Edmond G Kline Dark Site. Just ask an E-Board Member for a participation slip and their signature, and you could be the next winner.

Frank T Mancini

Roger Hassell with his DAS Participation Prize Binoculars
OFFICERS AND E-BOARD of
THE DENVER ASTRONOMICAL SOCIETY

The Executive Board conducts the business of the DAS at 8 pm. at Chamberlin Observatory. Please see the Schedule of Events for meeting dates. All members are welcome.

OFFICERS
President Emeritus
Larry Brooks
President:
Carla Swartz (303) 246-6926
Csastrogirl@aol.com
Vice President:
Frank Mancini (303) 414-0300
Frank.mancini@lpl.com
Secretary:
Ron Pearson (303) 670-1299
Rpearson@ecentral.com
Treasurer:
Chuck Carlson (303) 744-7331
Chcarlso@du.edu

EXECUTIVE BOARD
Jack Eastman       Bill Ormsby
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Ron Mickle          Steve Solon
ALCor: (Astronomical League Regional Correspondent)
Sandy Shaw; m6m7@earthlink.net

DAS INFORMATION LINE:
303-871-5172

DAS CORRESPONDENCE:
Denver Astronomical Society
Chamberlin Observatory
C/O Carla Swartz
2930 East Warren Avenue
Denver, Colorado 80208

VAN NATTAN SCHOLARSHIP FUND
P.O. Box 150743
Lakewood, Colorado 80215-0743

WEBMISTRESS: Patti Kurtz
p_kurtz@comcast.net

Newsletter Editor: Patrick Ryan (pluto6@qwest.net)

Denver Astronomical Society Website:
WWW.DENVERASTROSOCIETY.ORG

ASTRO-QUIZ Answers

A. In March 1950, Fred Whipple revolutionized the science of cometary astronomy by proposing that comets were not, as was currently thought, gravel banks flying through space. His theory, known as the “dirty snowball” model, proposed that comets have solid nuclei consisting of ices such as water, ammonia, methane, carbon dioxide, and carbon monoxide mixed with meteoritic particles. The model stated that as a comet approaches perihelion, solar radiation heats the frozen gases, forming the comet’s coma and sometimes a magnificent tail; the erupting gases could explain peculiarities in observed orbital motions of the comet. Some comets, such as Encke and Halley, had long been observed to arrive at slightly different times than predicted by Newton’s theory of gravitation. The “dirty snowball” model was confirmed in 1986 when the European Space Agency’s Giotto spacecraft flew by Comet Halley. Giotto’s dramatic images of the comet’s dark, potato-shaped nucleus affirmed Whipple’s reputation as “Dr. Comet”.

AstroQuiz is contributed by Sandy Shaw.
About the Denver Astronomical Society

The DAS is a group of amateur and professional astronomers that share a mutual interest in the heavens. The DAS operates the University of Denver’s Chamberlin Observatory, along with its prized 1894 Alvan Clark 20-inch refracting telescope. Our members have been involved with the first public planetarium at the Denver Museum of Science and Nature and the Smithsonian Astrophysics Observatory’s “Moon Watch” program. The DAS successfully petitioned to have the Chamberlin Observatory listed on the National Register of Historic Places.

Our Credo is to provide members a forum for increasing and sharing their knowledge, to promote and educate the public about astronomy, and to preserve the historic telescope and observatory in cooperation with the University of Denver. To these ends we have established three tax deductible funds: the Van Nattan Scholarship Fund, the Chamberlin Restoration Fund, and the DAS Dark Sky Site Fund. This last fund was established in order to construct and maintain observing facilities near Deer Trail in eastern Colorado.

Please call our Info Line at (303) 871-5172 and drop by the General Membership meetings. Become a member and enjoy speakers, facilities, events, and our monthly newsletter, The Denver Observer.

Application for membership to the Denver Astronomical Society

New______ Renewal______
Name: ___________________________________________
Address: _________________________________________
City, State, Zip: __________________________________
Phone numbers: Home ( ) Work ( )
E-mail Address: ___________________________________
Occupation: ______________________________________
Other Interests: ________________________________
(Associates Only) School: Grade: __________________
Do you want to download the newsletter in PDF format from our website instead of by postal mail?
Yes________ No ______
Do you want the above information excluded from the yearly roster?
Yes________ No ______
Please Circle All That Apply:
Regular Membership: $30 Associate: $10 (Age 22 and younger)
Astronomy Magazine/$29
Sky & Telescope Magazine/$29.95
Van Nattan Scholarship Fund $________
Chamberlin Restoration Fund $________
Total Amount Paid $________
Please mail Dark Sky Site donations to: DAS Treasurer, Chuck Carlson, at the address below. (Make checks payable to the Dark Sky Site Fund).
Please complete this form, or a copy, and mail it with your check or money order payable to:
The Denver Astronomical Society: DAS Treasurer, Chuck Carlson; 1521 So. Vine St.; Denver, CO 80210

Denver Astronomical Society
C/o Chamberlin Observatory
2930 East Warren Avenue
Denver, CO  80208