

## DAS ANNUAL BANQUET

Come One, Come All !! 'Tis time for feasting at the DAS Annual Banquet !

**Saturday, March 6, 2004 at 6 p.m..**

**The White Fence Farm**

**6263 West Jewell Avenue in Lakewood**

\* Speaker: Doug Duncan, Director of Fiske Planetarium, Boulder.

\* Installation of the new Executive Board members.

Choices for entree are: complete chicken or turkey dinner -- please specify baked or mashed potato with your choice.

Cost per person: \$20.00. Please send check, and number in your party to:

**Steve Solon**

**9774 West Elmhurst Place**

**Littleton, Colorado 80128-5199**

**Make check out to "DAS" or "Denver Astronomical Society"**

## February President's Corner

Considering the recent accomplishment of the Mars Rover and the unveiling of the plan for NASA to establish a base on the Moon, with the intention of eventually sending a manned spacecraft to Mars, as amateur astronomers we have an appreciation for the developments of this extraordinary age. The exhilaration of the Apollo missions cannot be surpassed, however the potential for the future is truly mind-boggling.

Proposals will be amended, budgets cut and leaders will formulate diverse visions. Regardless, there is hope that we will lay a significant foundation for future generations to continue to realize universal ambitions once considered impossible and imaginable only in science fiction novels. Public outreach efforts will continue to be a crucial element for inspiring support of space exploration. Looking beyond ourselves gives us a greater admiration for humanity and the planet we share.

Carla Swartz

**The 1st Quarter DAS Participant Prize will be an 8 x 32 WP Canon Binocular**

Our Speaker for the February 6th DAS Meeting is CU Professor Dr Richard McCray. The Topic is Supernova 1987-A The Birth of a Supernova Remnant.  
Frank T. Mancini

## FEBRUARY SKIES 2004

By Ron Mickle

On the evening of February 23, Venus and the moon lie within 3° of each other. Look to the west-southwest sky before sunset to view this apparition. At the end of the month, Venus is setting over 3 ½ hours after the sun sets.

Mars shines at less than +1.0 magnitude high above Venus and starts setting around midnight. Saturn is 0 magnitude high in the southeast. As in December and January, Saturn is excellent for viewing with a diameter of almost 20 arcseconds, and the rings more than 40 arcseconds in diameter.

Jupiter rises in the east with a magnitude of -2.5. During the month, Jupiter's angular diameter is over 40 arcseconds. For new observers of Jupiter, observe the four Galilean moons over a period of five nights and watch as the moons orbit this Jovian giant. In particular, February 15 you will witness a close grouping of the moons.

On February 29, a Leap-day was added so 2004 is 366 days long. This happens for every year divisible by 4, just as the Julian calendar. However, in our Gregorian calendar, it is not added in century years except those divisible by 400, such as 1600 and 2000. The reason is to get closer to the tropical year.

Remember that members of the Denver Astronomical Society have free access to the Clark 20" at the Historic Chamberlin Observatory during Open House.

6.....Full Moon  
13.....Last quarter moon  
14.....St. Valentine's Day  
20.....New Moon  
28.....First quarter Moon  
29.....Leap Day

*Astronomy Magazine, February 2004*

*Sky & Telescope Magazine, February 2004*

*Astronomical Calendar 2004*

## Officer and E-Board Nominations!!

Voting will be held at the February 6th General Meeting!!

President: Steve Solon

Vice President: Frank Mancini

Treasurer: Sandy Shaw

Secretary: Ron Pearson

Board: Joe Gafford, Jack Eastman, Ron Mickle, Dave Shouldice, Dan Wray, Bill Ormsby, Ted Cox, Ivan Geisler, Pat Ryan, Wayne Green, Norm Rosling

## SCHEDULE

### February

**6** General Meeting at Olin Hall, rm 105, DU, beginning at 7:30. **E-BOARD**

### **ELECTIONS**

**13** 8:00 PM E- Board meeting, Chamberlin Observatory

**21-22** Dark Sky Site Weekend

**28** Open House, 5:30 pm, Chamberlin Observatory

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## DAS Roster, February, 2004

### Associates

Bomgaars	Xachery	8050 Niwot Rd, #12	Longmont	CO	80503	303-652-9175
Crown	Misty	5618 W 64th Ave	Arvada	CO	80003	303-422-2739
Garrett	Adam	627 Coronado Pl	Longmont	CO	80501	303-744-0812
Gopakumar	Gautham	3930 E Wynwood Cir	Highlands Ranch	CO	80126	720-344-5868
Guatney	Lucia	11390 E Louisiana Ave	Aurora	CO	80012	303-873-6552
Gustin	Katherine	2412 W Reservoir Rd, #304	Greeley	CO	80634	970-339-1901
Jensen	Kelsey	11628 W Aqueduct Dr	Littleton	CO	80127	303-972-0573
Knop	Bradley	2224 S Eagle St	Aurora	CO	80014	303-750-4201
Martins	Marta	3325 S Corona St	Englewood	CO	80110	303-783-0764
Rawlings	Ian	6776 S Ivy St, Apt B8	Englewood	CO	80112	720-493-9940
Toohey	Christian	637 Pennsylvania Ave	Boulder	CO	80302	303-449-1005
Twombly	Chris	6771 Ridgeview Dr	Morrison	CO	80465	303-697-9040
Werner	Chelsea	3638 S Cherokee St	Englewood	CO	80110	303-783-9802
Wilmot	Eric	1320 W 104th Place	Northglenn	CO	80234	303-457-4191
Wilmot	Scott	1320 W 104th Place	Northglenn	CO	80234	303-457-4191
Wilson	Jannifer	6208 W Elmhurst Dr	Littleton	CO	80128	720-922-2101
Yeager-Meeks	Sonya Mae	399 Blackbird Dr	Bailey	CO	80421	303-816-1454

### Honorary Members

Brooks	Laurence	3151 S Wadsworth Blvd	Lakewood	CO	80227	303-885-0491
Everhart	Libby	169 Coppermine Rd	Princeton	NJ	8540	
Havens	Cathie	S&S Optika, 5174 S Broadway	Englewood	CO	80110	303-789-1089
Innes	Steve	19 Lowell Rd	Gorham	ME	4038	
Ohmer	Francis	2029 S Jamaica Ct	Aurora	CO	80014	303-755-6539
Roller	Kent	7703 S Boulder Rd	Boulder	CO	80303	
Steinmetz	Phyllis	1680 W Hoye Pl	Denver	CO	80223	

### Regular Members

Ackelson	John	7460 Terry Ct	Arvada	CO	80007	303-420-9570
Albersheim	Renee	19179 E Hollow Creek Ln	Parker	CO	80134	303-840-3376
Allen	Tina	1155 S Havana St, #11-364	Aurora	CO	80012	303-745-1810
Anderson	Harold	7747 Edgewater Ct	Lone Tree	CO	80124	303-799-3996
Anderson	John	3592 Ridge Rd	Nederland	CO	80466	303-258-3711
Angell	Rick	13866 W Second Ave	Golden	CO	80401	303-589-8122
Anthony	Jesse	4551 S Quintero St	Aurora	CO	80015	303-699-6122
Arbuckle	Shawn	305 Iowa Ct	Golden	CO	80403	303-384-3572
Bailey	Steve	4500 S Washington St	Englewood	CO	80110	303-781-3682
Balla	Judy	3714 Surrey Ridge	Loveland	CO	80537	970-635-9762
Bandell	Aaron	3366 S. Holly St	Denver	CO	80222	303-782-9231
Bangston	Dennis	5531 E Gill Pl	Denver	CO	80246	303-321-6891
Baxter	Alan	755 Jasmine St	Denver	CO	80220	720-732-1595
Belle	Jan Marie	1727 S Decatur St	Denver	CO	80219	303-936-4768
Bergstedt	Gar	1092 E 16th Ave	Broomfield	CO	80020	303-439-2692
Berry	Herschel	8131 E Colorado Ave, #A-203	Denver	CO	80231	303-369-8746
Bianchi	John	7984 W Cottonwood Wash Way	Tucson	AZ	85743	520-572-2246
Biber	Eric	4440 Alcott St	Denver	CO	80211	303-477-7560
Bielinski	Henry	4546 King St	Denver	CO	80211	303-458-1649
Bieser	Richard	1239 Detroit St	Denver	CO	80206	303-355-3517
Blake	Brent	51 S Eagle Circle	Aurora	CO	80012	303-366-1849
Bollig	Tom	6 Lincoln St, #202	Denver	CO	80203	303-698-1952
Bomgaars	Joseph	635 Gooseberry Dr, # 1905	Longmont	CO	80503	303-652-9175
Brandt	R.E.	6203 N Hollowview Ct	Parker	CO	80134	303-840-4873
Brayton	Pete	20314 Vista Cir	Parker	CO	80138	303-805-5820
Brier	Richard	2365 Thistle Ridge Cir	Highlands Ranch	CO	80126	303-791-8035
Bromell	Tim	6276 W 68th Pl	Arvada	CO	80003	
Brooke	Dan	12659 E Villanova Dr	Aurora	CO	80014	303-745-2346



Brown	Randy & Janice	3808 S Elati	Englewood	CO	80110	303-781-1477
Brozna	Jack	6920 Richthofen Pl	Denver	CO	80220	303-321-3031
Buell	Richard	962 S Crystal Way, #201	Aurora	CO	80012	303-349-5915
Buesch	William	12503 E Pacific Cir, #E	Aurora	CO	80014	303-338-8037
Burgess	Jeff	1446 Gilpin St, Apt. 5	Denver	CO	80218	303-394-9163
Burhans	Victor	8099 Columbine Dr	Morrison	CO	80465	303-697-0905
Burkhardt	Monica	2655 Julian St	Denver	CO	80211	303-477-4277
Burkhardt	Dan	5000 Butte St, #69	Boulder	CO	80301	303-449-6707
Burns	Stan	4331 S Andes Way, #102	Aurora	CO	80015	303-699-9948
Burns	Deborah	4632 E Vassar Ave	Denver	CO	80222	303-758-6935
Butler	David	P.O. Box 460309	Denver	CO	80246	720-290-1727
Cadd	Andreas	12746 E Pacific Dr, I-302	Aurora	CO	80014	303-337-6707
Caldrello	Lou	25 S Tamarac St	Denver	CO	80230	303-340-1040
Camp	Barbara	6562 S Ogden St	Centennial	CO	80121	303-794-6591
Candia	Julie	9723 Garwood St	Littleton	CO	80125	303-904-6045
Carlson	Charles	1521 S Vine St	Denver	CO	80210	303-744-7331
Carpenter	Jim	7210 W Stetson Pl #31	Littleton	CO	80123	303-932-0258
Champney	Rod	7978 S Algonquian Ct	Aurora	CO	80016	303-795-7942
Chapter	John	10468 W Arkansas Pl	Lakewood	CO	80232	303-986-8277
Clark	James	12103 E. Dakota Ave.	Aurora	CO	80012	303-343-9897
Clark	Roger	11264 W Asbury Ave	Lakewood	CO	80227	303-980-0092
Cochran	Dennis	17483 E Saratoga Place	Aurora	CO	80015	720-870-0465
Cole	Jim	4264 Thornduke Pl	Broomfield	CO	80020	
Collins	Ron	10500 Irma Dr, #9-107	Northglenn	CO	80233	303-280-1005
Corrieri	Michael	3156 W 100th Dr	Westminster	CO	80031	303-465-4773
Cox	Dave	3035 Deframe Rd	Golden	CO	80401	303-278-1696
Cox	Ted	10514 Dexter Dr	Thornton	CO	80233	303-450-7487
Cruz	Rodney	2197 Lamar St	Edgewater	CO	80214	303-232-4008
Cuddy	Michael	25684 Bristlecone Ct	Golden	CO	80401	303-516-1564
Daniels	Don	29931 Troutdale Ridge Rd	Evergreen	CO	80439	303-670-5833
David	Tim	420 St Paul St	Denver	CO	80206	303-333-7325
Davidson	Hugh	P.O. Box 983	Kittredge	CO	80457	303-679-0629
Davis	William	13183 Deneb Dr	Littleton	CO	80124	303-790-2628
Davis	Stafford	1770 Argonne St	Aurora	CO	80011	303-366-8674
DeGroote	Theresa	9565 W 52nd Ave	Arvada	CO	80002	303-421-8707
Dilatush	Frank	5524 W 60th Pl	Arvada	CO	80003	303-420-9771
Dobbs	James	1875 S Lafayette St	Denver	CO	80210	303-722-8034
Dodge	Darrell	7057 S Newland St	Littleton	CO	80128	303-932-1309
Dreher	Douglas	935 Cook St	Denver	CO	80206	303-388-4898
Dungey	Barbara	11552 East First Ave	Aurora	CO	80010	303-341-5022
Dusseault	Russell	2415 Pierce St	Edgewater	CO	80214	303-274-2512
Duvall	Stephen	1642 Fairfax	Denver	CO	80220	303-322-7894
Eareckson	Bill	2779 S Pagosa St	Aurora	CO	80013	303-680-0210
Eastman	Jack	3156 W Edgemore Dr	Englewood	CO	80110	303-794-3753
Erickson	Alan	2165 Indian Paintbrush Dr	Highlands Ranch	CO	80126	303-471-9728
Estes	Keith	6480 Kinney Creek Rd	Evergreen	CO	80439	303-670-8964
Faulkner	Bruce	P.O. Box 261262	Lakewood	CO	80226	303-781-0260
Ferguson	Lucinda	2035 E Mississippi Ave	Denver	CO	80210	303-773-0960
Finn	Robert	909 S Dawson Way #15	Aurora	CO	80012	303-751-4596
Firebaugh	James	19401 E Buchanan Pl	Aurora	CO	80011	303-367-8397
Flemming	John	7232 S Yarrow St	Littleton	CO	80128	303-978-0635
Foley	Jim	7224 S Yarrow St	Littleton	CO	80128	303-973-8630
Foley	Sue	7224 S Yarrow St	Littleton	CO	80128	303-973-8630
Foye	Richard	3080 S Macon Circle	Aurora	CO	80014	303-745-8751
Frank	Glenn	1065 Fairway Ct, #C	Boulder	CO	80303	303-499-8834
Fransen	Von	4397 W Hinsdale Ave	Littleton	CO	80128	303-972-3231
Frawley	Allen	57885 E Geddes Ave	Strasburg	CO	80136	303-622-6333



Fry	Bryan	7637 E Warren Dr, Apt 11-206	Denver	CO	80231	303-745-4708
Fullagar	Timothy	4098 N Highway 67	Sedalia	CO	80135	
Gafford	Joe	5471 Dillon St	Denver	CO	80239	303-371-1362
Garramone	Jane	11823 Eaton Way	Westminster	CO	80020	303-439-2180
Geise	Kathy	5176 E Otero Circle	Littleton	CO	80122	303-689-0143
Geisler	Ivan	8046 Lee Ct	Arvada	CO	80005	
Gilman	Bradley	4801 S Acoma, #55	Englewood	CO	80110	303-783-4771
Gojanovic	Tony	14560 W Amherst Pl	Lakewood	CO	80228	303-986-1436
Goodspeed	Paul	5135 E Nichols Dr	Centennial	CO	80122	
Gorden	Madelin	2155 S. Josephine St, #305	Denver	CO	80210	303-715-0141
Gore	Annette	12434 E Amherst Cir	Aurora	CO	80014	303-3680750
Graham	Bonnie	8609 Ingalls Circle	Arvada	CO	80003	303-422-6825
Graylin	Richard	278 Irwin Pl	Erie	CO	80516	303-604-6795
Green	Wayne & Christine	1343 Carnation Cir	Longmont	CO	80503	303-684-9768
Griffiths	Tom	9408 Weld Count Rd, 48 1/2	Johnstown	CO	80534	970-587-4702
Grove	Stephan	P.O. Box 49	Firestone	CO	80520	303-833-4022
Grow	John	12282 W. New Mexico Ave	Lakewood	CO	80228	303-985-9861
Guatney	Leroy	11390 E Louisiana Ave	Aurora	CO	80012	303-873-6552
Hackett	Greg	11995 W Temple Dr	Morrison	CO	80465	303-948-7163
Hackstaff	Eddie & Sheena	2840 S Dexter Way	Denver	CO	80222	303-584-9469
Hall	Kent & Karen	14781 E Colgate Ave	Aurora	CO	80014	303-690-3606
Hamill	Kitty	2514 Tournament Dr	Castle Rock	CO	80108	303-660-4419
Hamlin	Chris	7960 S Fillmore Ct	Littleton	CO	80122	303-793-1915
Hammond	George	Campus Box 157 PO Box 173364	Denver	CO	80212	303-455-1453
Hampton	Theron	2800 W 116th Place #103	Westminster	CO	80234	303-465-5190
Harless	Bert	1590 Ames	Lakewood	CO	80214	303-239-9110
Hassell	Roger	1367 Goldmine Ln	Evergreen	CO	80439	303-674-0691
Hayes	Donn	28257 Lupine Dr	Evergreen	CO	80439	303-674-4790
Heintz	Robert	11024 Depew St	Westminster	CO	80020	303-465-9180
Hendrickson	Scott	114 S 5th Ave	Brighton	CO	80601	303-659-5706
Hiatt	Richard	3264 Ames St	Denver	CO	80212	
Hicklin	Ron	P.O. Box 1116	Tyrone	NM	88065	505-534-1418
Higgins	Larry	12541 E Cornell Cir	Aurora	CO	80014	303-752-0895
Hinds	Nelson	711 Dexter St	Denver	CO	80220	303-329-0899
Hirsch	David	5911 S Perth St	Centennial	CO	80015	303-690-4246
Hitch	Todd	780 S Pennsylvania St	Denver	CO	80209	303-871-8446
Hoeffler	Mark	6051 S Marshall Dr	Littleton	CO	80123	303-798-2517
Holder	Jim	170 Hemlock St	Broomfield	CO	80020	303-460-0942
Holowich	Michael	10669 Johnson St	Westminster	CO	80021	303-4664993
Hranac	Ronald	13481 Virgo Ct	Littleton	CO	80124	303-790-0893
Hutchins	Stuart	10336 S Horizon View Dr	Morrison	CO	80465	303-697-4353
Ide	Pauline	4054 S Valentia St	Denver	CO	80237	303-771-8462
Illyes	Peter	16487 W Little Canyon Dr	Morrison	CO	80465	303-697-0625
Jacobs	Willis	PO Box 1388	Golden	CO	80402	303-420-6442
Jaruzel	John	185 S Ivy St	Denver	CO	80224	303-399-3688
Jensen	Gary	11628 W Aqueduct Dr	Littleton	CO	80127	
Johnson	R. Bruce	7300 W 33rd Ave	Wheat Ridge	CO	80033	303-423-4117
Johnson	Arnold	6620 S Dexter St	Centennial	CO	80121	303-748-4887
Jones	Don	6157 W 65th Ave	Arvada	CO	80003	303-423-1902
Jones	Thomas	800 Pearl St, #311	Denver	CO	80203	303-831-0099
Joyet	Robert	2765 W Riverwalk Circle, Unit F	Littleton	CO	80123	303-703-8251
Judd	Lisa	2657 Hatch Cir	Colorado Springs	CO		
Kaaz	Wayne	11149 Dartmoor Ct	Parker	CO	80138	303-840-1549
Kaiser	Paul	10743 E Colorado Ave	Aurora	CO	80012	303-751-0240
Kaiser	David	2606 E 116th Ave	Denver	CO	80233	303-451-6017
Kaufmann	Dave	2831 E Wycliff Way	Highlands Ranch	CO	80126	303-470-7852
Kearis	James	6640 S Williams Cir W	Littleton	CO	80121	



Kehrman	Rolla (Bill)	6076 S Valleyview St	Littleton	CO	80120	303-738-1650
Keller	Dale	3056 W Pimlico Dr	Englewood	CO	80110	303-347-0732
Kiarsis	Bill	P.O. Box 591	Evergreen	CO		303-670-8859
King	Robert	8603 Redstone St	Highlands Ranch	CO	80126	
Klos	Phillip	857 S Van Gorden Ct, Apt C105	Lakewood	CO	80228	
Koff	Robert	980 Antelope Dr West	Bennett	CO	80102	303-644-3509
Kraus	Joe	5991 S Oak Way	Littleton	CO	80127	303-933-4399
Krause	Peter	9100 E. Florida Ave, #10-201	Denver	CO	80231	720-748-6260
Krening	Doug	4922 Delaware Dr	Larkspur	CO	80118	303-681-2122
Krzizike	Joe	9201 E Mississippi, Apt. H-102	Denver	CO	80247	303-725-2758
Kuchera	Jason	6880 W 91st Ct, #16304	Broomfield	CO	80021	303-432-7759
Kurtz	Patricia	5558 S Hill St, #304	Littleton	CO	80120	303-948-5825
Ladner	Ed	17023 Hastings Ave	Parker	CO	80134	303-805-8241
Lane	Richard	4845 Eisenhower Dr, #B	Boulder	CO	80303	303-544-0428
Larson	David	490 S Swadley St	Lakewood	CO	80228	303-763-7036
Leher	Cary	3981 S Dahlia	Englewood	CO	80110	303-757-3897
Leupold	Richard	4399 S Meadow Dr	Boulder	CO	80301	303-530-0304
Levinsky	Mort	21604 Hill Gail Place	Parker	CO	80138	303-840-1225
Lewin	Ed	2500 Cherry Creek Dr South, #607	Denver	CO	80209	303-377-8784
Link	Peter	7637 S Centaur Dr	Evergreen	CO	80439	303-670-1707
Litoff	David	1580 Northfield Lane	Lafayette	CO	80026	303-664-1991
Littlefield	Neil & Carla	33 S Hudson	Denver	CO	80246	303-399-7946
Losh	Ronald	3995 Zenobia St	Denver	CO	80212	303-455-0446
Loufek	Matthew	PO Box 3010	Evergreen	CO	80437	303-674-6636
Lutz	Ron	7452 S Vance St	Littleton	CO	80128	303-933-6058
MacArthur	Bob	3220 S Irving St, A-101	Englewood	CO	80110	303-902-6010
Malvi	Abhijit	6698 Green River Dr, #B	Highlands Ranch	CO	80130	720-348-0388
Mancini	Frank	7533 Pine Ridge Trail	Castle Rock	CO	80108	303-663-5263
Maneval	Mark	12631 James Ct	Broomfield	CO	80020	720-887-0413
Marietta	Peter	540 S Forest, #3-203	Denver	CO	80246	970-936-7917
Marino	Greg	3861 Miramonte Ave	Loveland	CO	80538	970-278-9900
Marrachine	Joamar	5770 E Warren Ave, # C302	Denver	CO	80222	303-757-8107
Martens	John	5001 W Wagon Trail	Littleton	CO	80123	720-283-6216
Martin	Alesia	11356 E Berry Dr	Englewood	CO	80111	720-529-8580
Mayer	Anton	3021 W 111th Pl	Westminster	CO	80031	303-460-1187
McCollough	Jody	1240 Sable Blvd	Aurora	CO	80011	
McDermott	M.B.	1100 S Vine St	Denver	CO	80210	303-778-9122
McGregor	Dan	935 Pennsylvania St, #11	Denver	CO	80203	303-863-1953
Mead	Earl	1870 Central Ave	Canon City	CO	81212	719-275-6591
Meaux	Grant & Karin	3476-11 E County Line Rd	Highlands Ranch	CO	80126	720-4939795
Mehringer	Marilyn	P.O. Box 119	Strasburg	CO	80136	303-548-4424
Mekis	John	1932 E Nichols Dr	Littleton	CO	80122	
Meteer	Andrew	20 Oakland St, #7	Aurora	CO	80012	303-367-1584
Michael	Sam	11260 N Cardinal Dr	Parker	CO	80138	303-805-0624
Mickle	Ronald	4175 Green Ct	Denver	CO	80211	303-433-7641
Milenovich	Fred	P.O. Box 387	Buffalo Creek	CO	80425	303-838-4438
Miller	Frank	P.O. Box 702	Castle Rock	CO	80104	
Minzer	Gene	315 Krameria St	Denver	CO	80220	303-377-2266
Moklestad	Tom	5535 S Lee St	Littleton	CO	80127	303-978-0825
Moubry	Ron	17674 W 63rd Dr	Golden	CO	80403	720-938-1290
Murray	Michael	16405 Sequoia Ct	Parker	CO	80134	303-840-1735
Nichols	Dean	18187 E Weaver Dr	Centennial	CO	80016	303-699-1876
Nielsen	Gary	1278 E Phillips Dr	Littleton	CO	80122	303-798-1296
Nixon	Patricia	3843 S Xenia St	Denver	CO	80237	720-493-1570
Nixon	Bob	3843 S Xenia St	Denver	CO	80237	720-493-1570
Notari	Ken	9174 W Warren Dr	Lakewood	CO	80227	303-985-9014



O'Melia	Thomas	12295 E 55th Ave	Denver	CO	80239	303-373-5687
Oakley	James	2785 W 106th Circle	Westminster	CO	80234	720-887-3662
Olson-Burns	Marilyn	19458 E Colorado Dr	Aurora	CO	80017	303-337-2490
Ormsby	William	3074 S Eudora St	Denver	CO	80222	303-757-6077
Otero	Mike	1310 Otis St	Lakewood	CO	80214	303-274-2187
Pasillas	Joe	712 Beauprez Ave	Lafayette	CO	80026	303-543-1454
Pearson	Ron	159 Hillside Rd	Evergreen	CO	80439	303-670-1299
Pesce	Joseph	11525 Chapel Rd	Clifton	VA	20124	703-323-1439
Peter Gillette	Deb Ostergard	6355 W Ohio Ave	Lakewood	CO	80226	303-934-7690
Petersen	Eric	8989 W 14th Ave, Apt 414	Lakewood	CO	80215	303-238-0836
Peterson	Blair	9491 NW Brentwood Way	Westminster	CO	80020	303-940-8127
Pettee	Daniel	6652 Starlight Dr	Morrison	CO	80465	303-282-1123
Pimentel	Timothy	5143 Sable St	Denver	CO	80239	303-373-2810
Polhamus	John	6335 Parfet St	Arvada	CO	80004	303-424-7811
Pool	Keith	916 Parkview	Castle Rock	CO	80104	303-814-2627
Poskus	Bernard	10586 Tabor Ct	Broomfield	CO	80021	303-466-8967
Presser	Dr. Bernard	10128 E Weaver Pl	Englewood	CO	80111	303-870-2288
Province	Richard	10325 W. Grand Place	Littleton	CO	80127	303-973-2259
Pugsley	Jamie	715 Emerald Lane	Lakewood	CO	80214	303-233-0090
Rake	Daniel & Kathi	4638 Shoshone Dr	Larkspur	CO	80118	303-681-3128
Raskin	Jerry	830 Good Hope Dr	Castle Rock	CO	80108	303-660-0033
Rasor	Patrick	4233 S Washington St	Englewood	CO	80110	303-781-8434
Ready	Amy	15180 E 116th Dr	Brighton	CO	80603	303-227-1259
Reams	Brook	7881 Oak St	Denver	CO	80005	303-940-7097
Robinson	Gary	9373 S Weeping Willow Pl	Highlands Ranch	CO	80130	
Rock	Gregory	16410 Amberstone Way	Parker	CO	80134	303-840-7232
Rogers	Bob	5240 Tabor St	Arvada	CO	80002	303-420-6265
Rogers	Sarah	5000 Butte St, #35	Boulder	CO	80301	303-499-6190
Rosling	Norman	12130 Melody Dr, #102	Westminster	CO	80234	303-252-1214
Rossi	Charles	6500 E 88th Ave, #188	Henderson	CO	80640	303-288-7879
Sander	Sharon					
Sandhaus	Robert	5005 W King Crest Lane	Bow Mar	CO	80123	303-797-0921
Sanelli	Ernest	7436 Ingalls Ct	Arvada	CO	80003	303-421-6722
Sauvain	Larry	20555 E Maplewood Pl	Centennial	CO	80016	303-617-7631
Schaefer	Brad	6262 Morgan Bend Dr	Baton Rouge	LA	70803	225-767-5187
Scherrer	Dennis	1430 S Bellaire St	Denver	CO	80222	303-758-7748
Schofield	Karleen	33 Yates St	Denver	CO	80219	303-936-8661
Scholl	Laurie	1095 Yank St	Golden	CO	80401	303-234-0264
Schwarz	Robert	P.O. Box 741180	Arvada	CO	80006	720-540-9500
Semon	Douglas	6340 E 6th Ave Pkwy	Denver	CO	80220	303-331-8384
Shaffron	Michael	6373 Starlight Dr	Morrison	CO	80465	303-697-5290
Shaul	Tom	7290 S Upham St	Littleton	CO	80128	303-972-1762
Shaw	Sandra	1095 Yank St	Golden	CO	80401	303-234-0264
Sherlin	Jerry	17002 E Prentice Dr	Centennial	CO	80015	303-680-6894
Shouldice	David	1863 S Robb St	Lakewood	CO	80232	303-986-8476
Shrader	Jack	3298 S Willow Ct	Denver	CO	80231	303-369-9058
Sillau	A. Hugo	2671 S Adams St	Denver	CO	80210	303-691-5996
Simons	Jeremy	1645 Jackson St	Denver	CO	80206	720-273-4416
Simpson	Clifford	3991 Starflower Rd	Castle Rock	CO	80109	303-660-2302
Skidmore	Carol	4193 W 111th Circle	Westminster	CO	80031	303-439-0703
Smith	Greg	116181 E Bellwview Dr	Centennial	CO	80015	303-699-7426
Snyder	Ben	6494 S Jericho Cir	Aurora	CO	80016	303-699-0562
Solon	Steve	9774 W Elmhurst Pl	Littleton	CO	80128	303-932-7613
Sorg	Debra	11174 Donley Dr	Parker	CO	80138	303-841-7252
Spillman	Dave	PO Box 455	Indian Hills	CO	80454	303-697-6702
Stapleton	Darlene	4623 E Bennington Ave	Castle Rock	CO	80104	
Stevens	Richard	1674 Olive St	Denver	CO	80220	303-399-2033



Stienmier	Richard	7955 Tangleoak Lane	Castle Rock	CO	80104	303-688-1461
Swanson	John	995 S Fulton Ave	Fort Lupton	CO	80621	303-857-6140
Takahashi	Ken	8788 W Plymouth Ave	Littleton	CO	80128	303-904-6804
Tarr	Chris	5299 Pinyon Jay Rd	Parker	CO	80134	303-840-0545
Taylor	Larry	159 Glengarry Pl	Castle Rock	CO	80104	303-814-6814
Teall	Gordon	974 S. Jellison St.	Lakewood	CO	80226	303-986-0289
Thayer	Paul	1559 E Nichols Dr	Littleton	CO	80122	303-795-1883
Thighe	Craig	3023 S. Ursula Cir, #201	Aurora	CO	80014	303-337-7661
Thomas	Todd	3369 W Clyde Pl	Denver	CO	80211	303-458-0317
Thorwald	Greg & Heather	11285 Eaton Way	Westminster	CO	80020	303-635-1670
Tondreau	Dave	12044 E Louisiana Ave	Aurora	CO	80012	303-755-5371
Toohey	James	637 Pennsylvania Ave	Boulder	CO	80302	303-449-1005
Trott	David	4396 S Huron St	Englewood	CO	80110	303-753-0878
Trumble	Susan	6407 Willow Broom Trail	Littleton	CO	80125	303-973-8622
Turner	Paul	1945 Ensenada St	Aurora	CO	80011	303-366-6770
Utzinger	Jim	P.O. Box 33991	Denver	CO	80233	303-770-4465
Vaclavik	Edward	6099 S Swadley Way	Littleton	CO	80127	303-933-7473
Van Kirk	Franklin	6479 E Maplewood Ave	Centennial	CO	80111	303-770-3755
Vincent	Mark	301 N Roadrunner Pkwy, #602	Las Cruces	NM	88011	
von Russow	Wolfgang	1493 Sunset Ridge Rd	Highlands Ranch	CO	80126	303-683-8853
Wainwright	Joe	9388 S Crosspointe Dr	Highlands Ranch	CO	80130	303-683-7509
Walawender	Josh	P.O. Box 1373	Nederland	CO	80466	303-258-7332
Wallace	Clinton	P.O. Box 5461	Denver	CO	80217	303-514-7792
Walters	Gregg	2710 W 98th Drive	Federal Heights	CO	80260	303-466-4830
Walton	Steve	861 Altair Drive	Littleton	CO	80124	303-649-9678
Weir	David	10150 Eaton St	Westminster	CO	80020	303-466-2228
White	Bryan	9691 S Millstone Ct	Highlands Ranch	CO	80126	303-346-7373
Whitney	George	7881 W Mansfield Pkwy	DenveE	CO	80235	303-284-0649
Wilkins	Fred	410 S Snowmass Cir	Superior	CO	80027	303-554-6388
Willard	Darryl	12761 E. Park Land Dr	Aurora	CO	80011	303-537-6961
Wilmot	Laurie	1320 W 104th Place	Northglenn	CO	80234	303-457-4191
Wilson	Robert	1932 S Truckee St	Aurora	CO	80013	303-368-7054
Wilson	Beth Ann	P.O. Box 18147	Boulder	CO	80308	303-449-4663
Winkelman	Tim	2474 S Acoma St	Denver	CO	80223	303-698-1897
Witte	Dave	2235 S Waco St	Aurora	CO	80013	303-695-4732
Woerner	Robert	1242 Vivian St	Golden	CO	80401	303-237-7943
Wolf	David	4919 Chenango Cir	Englewood	CO	80110	303-781-5936
Wood	Carl	2942 14th St	Greeley	CO	80634	970-356-4188
Wray	Daniel	3970 W Dartmouth Ave	Denver	CO	80236	303-922-0905
Wright	David	6184 Garrison St	Arvada	CO	80004	303-425-7448
Zobens	John	4490 S Elati	Englewood	CO	80110	303-761-5207
Zufelt	Lloyd	19901 E Brunswick Dr	Aurora	CO	80013	720-876-0277

*Continued from page 1*

**March**

- 5** 8:00 PM E- Board meeting, Chamberlin Observatory
- 6** **ANNUAL BANQUET. SEE P. 1**
- 20-21** Dark Sky Site Weekend & Messier Marathon
- 27** Open House, 6:30 pm, Chamberlin Observatory

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

*VAN NATTAN SCHOLARSHIP FUND*  
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**DAS Contact Info**

*DAS INFORMATION LINE:*

303-871-5172

*DAS CORRESPONDENCE:*



## 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/\$32.95

\*\*\*\*\*\$ \_\_\_\_\_

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



**Membership Expires 1/1/2005**

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