

Minutes of the A.G.M. of the Doppler Centre of the ASSA held on 8/11/83.

The meeting was opened by the chairman Mr Kramer.

Apologies for absence were received from Mr Burchhoff, Mr Parson, Prof Feast, Mr Spencer-Jones, Mr Hurley, ^{and} Mr E. Leewards.

The minutes of last year's A.G.M. were read and accepted.

attached to page 242 and 243

The Chairman's report was read out by Mr Kramer, followed by the Financial Statement by Mr Kramer attached to page 244.

Mr Saltysky was nominated and then made the new chairman.

The following were also elected.

vice chairman Cliff Jutz,

secretary Mike Kramer

treasurer Pat Kramer

director of observations Peter Mack.

committee members - Pat Booth, Nouch, Spencer-Jones, Gense von Rensburg and Bondiatti.

The new chairman introduced the speaker Mike Kramer who spoke about the Doppler effect. The talk started with ~~the~~ ~~paper~~ theory on waves. (velocity of propagation is equal to the product of frequency and wavelength.) ~~and~~ The basic Doppler equation wavelength observed equals wavelength emitted times one ^{minus} ~~plus~~ velocity of object divided by velocity of propagation. $\lambda_o = \lambda_e \mp \frac{v}{c}$

Characteristic ^{wavelengths} ~~lines~~ are emitted by elements eg. H α = 6563 Å. The movement of this and other characteristic wavelengths can be used to determine velocity. Examples of this such as the velocity of the earth around the sun, velocity of rotation of a star, velocity of an eclipsing binary, and Hubble's constant were given.

After Mr Nouch thanked Mr Kramer the meeting was closed for tea.

Chairman ReportMeetings

During the year 10 ordinary meetings were held at the S.A.A.O.

These were

- 11/8/82 The A.G.M. and a talk by the Director of the S.A.A.O. Prof. M. Feast on "What are symbiotic stars?"
- 8/9/82 Dr Menies on "The International Ultra Violet Explorer."
- 13/10/82 Dr P Macke on "Amateur Astronomical Photography for Beginners"
- 10/11/82 Mr D Overbeck on amateur observing.
- 21/2/83 Mr R Hurley on Basic Positional Astronomy.
- 9/3/83 Open evening at the Observatory.
- 13/4/83 Slide show on Voyager 1 & II fly by of Jupiter and Pioneer II fly by of Saturn and Venus presented by M. Kramer.
- 18/5/83 Mr Hartmut Winkler on Sunspots.
- 8/6/83 Dr Cousins on Photometry & Wilford Duckitt on telescopes.
- 13/7/83. Mr Spencer-Johns presented a slide show on astronomical objects.

Average attendance was 27.

A basic astronomy lecture course consisting of the following 7 lectures was also given.

- 9/2/83 Mr R Hurley on basic positional astronomy.
- 21/2/83 Mr J Sherrin on Telescopes.
- 7/3/83 Prof. Fairall on an overview of astronomical objects.
- 21/3/83 Dr Macke on observing and photography.
- 11/4/83 Mr G. Roberts on the solar system.
- 25/4/83 Prof B Warner on astronomical objects.
- 9/5/83 Prof M. Feast and the work of a Professional Astronomer and sources of information

There were 46 paid up participants of whom 24 were Life & Life members, 7 Life & Life reader members, 6 non members and 9 reader non members.

Infomal meetings were held on 17/11/82, 23/2/83, 23/3/83, 27/4/83, 1/6/83, 22/6/83, a total of 6.

Membership

On 1/7/83 the centre had 107 members. 16 new members were gained during the year, 7 were suspended for non-payment of subs on 31/10/82 and 2 resigned. 6 members have outstanding subs at present and will be suspended if not paid up by 31/10/83.

Observing

No grazing occultations were observed as none suitable or convenient occurred in the Cape Town area. There were two very visible comets which many members reported seeing. Once again Dr. Mehr recorded a very large amount of occultations.

Public Relations

Members of the Centre continued to assist on visitors evenings at the SAAO, on the second Saturday of every month, and to deliver lectures at the Planetarium.

Thanks.

On behalf of the Centre I would like to thank Prof Frost, Director of the SAAO for the use of the lecture room. I would also like to thank the lecturers for their interesting talks enjoyed by the Centre this year and Mr J. Bordinetti for arranging for the notices to be duplicated and set out.

M R Kramer

Chairman.

THE CAPE CENTRE OF THE A.S.S.A.

FINANCIAL STATEMENT

(1st July 1982 - 30th June 1983)

Funds on Hand 01/07/83

Brought Forward 149,59

Income

Subscriptions: 82/83 147,00
 Arrears 8,00
 Prepaid 24,00
 179,00

Interest on savings 7,14
 1983 Lecture course 325,00
 Deposit on 2 R. Atkins keys 4,00
 Donation for paint for
 R. Atkins telescope 30,00

545,14

Other Receipts

Endowment Trust 87,30

782,03

Expenses:

Teas 77,83
 Postage and stationery 79,40
 Telescope insurance 3,35
 Paint for R. Atkins
 telescope 31,77
 5 R. Atkins keys 6,30

198,65

1983 Lecture Course:

Handbooks 75,00
 Cocktail party 112,75

187,75

Donation to Bible Society in
 memory of Mr. Neal 15,00

Endowments passed on 84,30

Balance carried forward to 1983/83 296,33

782,03

P.A. Kane
 1983/08/05.

Garnett Orfan
Hon Auditor
 10/8/1983