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FEDERATION OF ASTRONOMICAL SOCIETIES

Issue 62

<http://www.fedastro.org.uk>

Convention 2000

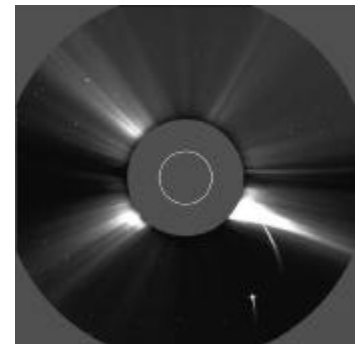


Courtesy CLRC Rutherford Appleton Laboratory

CLRC's Rutherford Appleton Laboratory was the venue for this year's Annual Convention and AGM. In the shadow of RAL's 12 metre S-Band satellite dish amateur astronomers from round Britain met together for a day of lectures, browsing, renewing old acquaintances and making new ones.

The days programme was kicked off with an introduction by President Pam Spence, swiftly followed by our first Speaker, Professor Richard Harrison of the Rutherford Appleton Laboratory. Professor Harrison's subject was the Solar and Heliospheric Observatory (SOHO) satellite developed jointly by ESA and NASA. SOHO is locked in orbit at the Lagrangian point between the Sun and the Earth, and provides continual images of the sun in various wavelengths. Rutherford Appleton Laboratory has been a key player in the construction and operation of instruments aboard this craft, and in particular the Coronal Diagnostic

Spectrometer (CDS). Using the CDS scientists have been able to view granulation caused by convection flows, hot and cold plasma loops captured by magnetic fields, high velocity jets, and solar 'tornadoes'. Professor Harrison displayed many breathtaking images of the Sun taken for the most part on the same day, and animated movies of solar mass ejections and sun grazing comets compiled from images using the LASCO instrument. Using LASCO images UK amateur Michael Oates now holds the record for comet discoveries.



Courtesy of SOHO/LASCO consortium. SOHO is a project of international cooperation between ESA and NASA



Photo John Parratt

Geologist Dr. Bob Owens from the National Museum of Wales talked about a group of small solar system bodies known as the Kuiper-Edgeworth belt. Residing beyond the orbit of Neptune, they are now known to be responsible for short period comets. The largest Kuiper belt object is Pluto but most are far smaller and orbit in a disk in the plane of the ecliptic.

This year's Eric Zucker Award was presented to Bob Owens in honour of the time he has spent popularising astronomy. He was a co-founder of Cardiff Astronomical Society, a past President of the FAS and the originator of the FAS Astro Calendar. He produced the Astro Calendar for many years, proving to be a very popular publication which has earned money for both the FAS and individual societies.

Continued

Convention 2000—Continued

Nik Szymanek of Havering AS literally jetted in to talk about CCD Imaging. He had just that morning stepped off the plane from yet another trip to The Canary Islands and eight clear nights in succession. However, despite the jeers he soon had the audience on his side when he revealed some of the images he and Ian King had managed to capture, both from La Palma and this



Photo John Parratt

country. Explaining in simple terms the adding together of black and white images taken with red, green and blue filters to create full-colour images. A new technique also using a plain black and white image as well as the tri-colour images has revealed even more detail in their images. He was also proud to show us the showpiece in their collection of a fantastic image of M51 taken from one of the observatories at La Palma. Nik and Ian have had such experience at manipulating images that the professional observatories are starting to utilise their unique talents to further professional study. Both Nik and Ian are inspiration to amateurs everywhere.

In his lecture "Towards the Event Horizon" Professor Phil Charles of Southampton University explained about the formation of massive black holes at the centre of galaxies. Very recent research has shown that the rapid movement of stars within a few light years of the core of our own Milky Way Galaxy confirms that it too contains such an object.



Photo John Parratt

Closing the day, The Ken Marcus Memorial Lecture was given by Professor Mike Edmunds of Cardiff University. In "Sir Isaac Remembers..." Professor Edmunds 'performed' as Sir Isaac Newton a lecture that Sir Isaac might actually have given to such a gathering. Stories and reminiscences about his life were taken from papers and letters by Sir Isaac and his contemporaries. Of particular note were some of his experiments which are certainly not recom-

mended for repeating these days, such as manipulating your eyeball with a needle !

In addition to the lecture programme there was ample opportunity to view books at the Earth & Sky stall, Celestron equipment courtesy David Hinds, and space flight items at the Midlands Spaceflight Society stall. Back issues of Astronomy Now for sale helped people to complete their collections, and all FAS publications & Slides were available.

Only three societies were able to provide displays of their work, but we are grateful to the contributions of Abingdon, Newbury and Reading societies. Perhaps next year more societies will be able to present some of their work.

Annual General Meeting 2000 Reports

President —Pam Spence

I am pleased to report that the FAS continues to grow from strength to strength, not only in the numbers of members, but also in its rôle as a representative of astronomical societies. One of the most recent examples of this is being asked to join the Pro-Am Telescope Allocation Group for the 2 metre Liverpool Telescope Project. Once this gets off the ground, you will be kept informed through the FAS Newsletter.

Throughout the year I have filled in referee sections of various applications forms made by societies for various grants. I am pleased to say that some societies were successful, which is great as we play such an important rôle in helping to bring astronomy to the general public, into schools and to various other groups like Scouts and Guides. The government has invested strongly in their Public Understanding of Science and it is only just that we have a share of some of the funds. In general I believe our work as amateurs goes unrecognised.

As usual I have been aided through the year by members of the FAS Council. I know you all understand that they give up their time for free, and I hope you appreciate what a marvellous job they all do on your behalf. I would like to take this opportunity of asking you to thank them, with me, for all the hard and excellent work they have done.

Some members will be standing down this year. As usual we have vacancies on Council, some in key positions, and I would urge you all to think if you could spare some free time in helping the FAS. The more people on Council, the less arduous the work for Council members. At the moment some Council members are doing more than one job, which I feel is unfair and unnecessary. Looking at how many member societies we have, and how many individuals belong to those societies, surely there are some who could spare us a little time?

I am standing down as President this year, but hope to remain on Council in a slightly less demanding rôle. I believe the FAS fulfils an important function within the amateur astronomical community. Please support the FAS or you will lose it.

Vice President —Malcolm Jones

Malcolm offered thanks of behalf of Council for Pam's hard work as President.

Treasurer —Dave Sutton

This is my fourth annual report as FAS/Treasurer. The 1999/2000 accounts were audited by Bob Turner (Member of Worthing AS) and his comments were favourable. I can report that we have had a good year, our income was about same as the previous year and our loss on the income/expenditure account of (54.34) compared

with the previous year 1998/1999 of nearly (480.00) was inline of what I expected. Expenditure was within the guide lines set out at the beginning of our financial year. On our reserve account, I did not have to draw on this and with a little interest added it remains in a healthy position. Membership, and Societies within the Public Liability Insurance Scheme have increased during my period as Treasurer. The PLI now has 129 AS's. I do not wish to raise Subscriptions for year 2000/2001. The PLI unfortunately is under review by our insurer's, for this year (2000/2001) the annual premium I request from each member society will remain at ten pounds per society per year. From year 2001/2002 I'm afraid this will rise slightly, details of the proposals are being agreed at this time, as soon as I have the final agreement I'll advise all members within the PLI. Subscriptions for 2000/2001, smaller AS's (30 members or less) remain at (7.50 per year) & Larger AS's (30+ members) at (15.00 per year). I will circulate financial details to all AS's Secretaries/Treasurers as in previous years within the new edition of the FAS/Newsletters. As this will be my last year as treasurer I wish to thank all AS's and members who have supported me during the four years. I'll be handing over to our new FAS/Treasurer, Rebecca Gardiner after the AGM. Many Thanks & Clear Skies. Regards. Doc.

Membership Secretary—Eric Hutton

Membership currently stands at 159 societies, with 129 being participants in the PLI scheme. There are 40 societies whose subscriptions are overdue. Eric was pleased to advise that here appear to be several new societies in Scotland. There are thought to be about 40 societies which are not members of the FAS.

Education Secretary—Peter Corbally

There had been some general queries to deal with, but most of his time has been spent reviewing the National Curriculum with respect to astronomy. There have been a number of changes made to the curriculum which has delayed publication of a booklet on the subject. The booklet, "Astronomy and the National Curriculum" is now available. Astronomy is an important feature of the revised curriculum, and anecdotal evidence suggest that about 80% of societies are involved with their local schools.

Publications Secretary—Malcolm Jones

Income from publications is a significant contribution to keeping the level of FAS subscriptions down, particularly sales of the Astro Calendar. Malcolm pointed out that societies could buy FAS publications and then sell them on for a profit. Over the previous three years, sales of Astro calendar had been 97/8 1400, 98/9 2500, and 99/00 2250 (these figures are sales by pub sec. and do not include sales from shows and conventions). In general the number of publications taken by societies is low. Malcolm asked members to check their society's entry in the Handbook membership list. There was a query from the floor regarding electronic publication. Malcolm pointed out that the Newsletter is published on the Web site, but that the other publications are a major source of income for the Federation and electronic publication would not be appropriate.

Publicity Officer—John Parratt

John advised the meeting that he works on arranging the trade stands for events.

Handbook Editor—Dave Eagle

The new handbook is nearly complete, mostly waiting for the results of the elections at the AGM for the new Council. The new handbook should be published in a few weeks time.

Slide Librarian—Alan Drummond.

The current collection is a bit ad-hoc in nature. Work continues on the collation of material to produce themed sets of slides.

Web Site Co-ordinator—Nick Quinn.

The FAS is moving from its Demon site to a free ISP site. The Federation had also registered its domain name as fedastro.org.uk. Societies were asked to update any links on their own sites to point to the new URL.

Other officers either had no reports or were not able to attend. The President thanked Newsletter Editor Rob Barter for his hard work through the year and explained that increased personal commitments had meant that Rob had asked to stand down.

For details of the new elected council please see the back cover of this newsletter.

Newsletter Editor—Callum Potter



Just a few words to introduce myself, as new editor for the FAS Newsletter. I am an active member of the Cotswold Astronomical Society, and currently arrange the speakers for meetings, and edit the societies newsletter, Mercury. I also look after the CAS web site as well as the BAA Deep Sky Section web site. Observationally, I particularly enjoy hunting down deep sky splendours with my 25cm Dobsonian.

In taking on the editorship of the FAS Newsletter I hope to maintain the high production values we have enjoyed over many years. The newsletter is the primary means of communication between the Council and Members, and between Member Societies, so I will try to achieve a balance of society news, interesting articles and talking points. In particular it would be great to have a reports about events you have organised and other ideas you have about promoting astronomy within the UK.

Please send me your views on the content; what you like, what you don't like. We will continue to publish 4 issues per year with eight pages per issue, so please send your submissions in good time. If you would like to send an article in electronic format, Microsoft Word, Rich Text or Plain Text format is preferred. Hard copy or hand written items are also welcome.

A final note of thanks to Rob Barter and Doc Sutton who have helped to ease this transition period.

Clear skies, Callum.

FAS President—Malcolm Jones

I am writing this with 2 hats on, that of the retiring Vice President and the new President.

First of all I would like to thank all the Council members for all the work they have put into the FAS over the last year and welcome the new comers. I did a quick check and there were on average 3-4 e-mails each day. It is not unusual to log-on after a weekend away and find 25 waiting. We may curse computers, but it would be much more difficult to run an organisation such as the FAS without one and hence making the Council meetings more of a fine tuning, than house of commons.

With my new hat on, I hope to continue the excellent work that Pam has done over the past few years and serve the astronomical societies who are after all, the FAS.

Scottish Astro-Fest 2000

Wigtown, Galloway, South West Scotland
Organised by Wigtownshire Astronomical Society
Friday, 24th and Saturday, 25th November, 2000.

A special gathering for all astronomers is taking place at Scotland's National Booktown, Wigtown in the South West of Scotland. DO NOT MISS attending what will be a most enjoyable, interesting, fun-filled and information-packed weekend.

Programme:

Friday, 24th, November at 8pm.

- A talk by the Astronomer Royal for Scotland, Professor John Brown.
"BLACK HOLES & WHITE RABBITS".

Saturday, 25th November, 10.00am till 5.00pm.

- Throughout the day:
 - Workshops and Demonstrations.
 - Trade Stands.
 - Planetarium Shows.
 - Bring and Buy Sale. Bring those old telescopes and bits and pieces and raise funds for your society or even your good old self! (10% Commission to W.A.S.)
 - Talks on various topical subjects by Top Class Professional and Amateur Astronomers.
 - Displays of Telescopes.
 - Information and Astronomical Society Stands.
- Scottish Astronomers Group. Annual General Meeting. (2.00-2.30pm.)
- Astronomical Books (Bookshops in Wigtown).

Costs are being kept as low as possible...no glossy leaflets, admission free except planetarium.

For further details or updates contact

Helen Macdonald

'Benvoir', WIGTOWN, Wigtownshire, Scotland, DG8 9EE

Tel:- 01988 403364. Email to helen@gleniffer.com

HETE-2 Launched



Courtesy HETE Consortium

Satellite HETE-2 was successfully launched on the 9th October 2000. The instruments on HETE-2 will be able to more accurately locate the sources of Gamma Ray Bursts (GRBs) and source rapid alerts for ground

based observers. GRB's were certainly the 'flavour of the day' at the Annual Meeting of The Astronomer with three talks on the subject, including a report of the first amateur observations of the optical transient associated with a GRB by Finnish amateur Arto Oksanen using a 40cm Meade and ST7 CCD camera. Little is known about GRB's, they seem to be associated with distant galaxies but their nature is very unclear. Observations of the optical transients (photometry, astrometry and spectroscopy) will give valuable clues and amateurs can help with such observations. At their peak the transients could be apparent magnitude 8 or 9 so expensive equipment may not be needed, just a telescope and the naked eye. Anyone interested in participating in such a programme should get in touch with The Astronomer.

The following web sites may be of interest.

Nyrölä Observatory, Finland

http://www.ursa.fi/sirius/nytt/nytt_info.html

The Astronomer

<http://www.demon.co.uk/astronomer/>

The GRB Coordinates Network

<http://gcn.gsfc.nasa.gov/>

HETE-2

<http://space.mit.edu/HETE/>

Cotswold AS Welcomes Don Lind



Photo Callum Potter

U.S. astronaut Don Lind visited the Cotswold AS on August 12th giving an enthralling talk full of tales of his life in the astronaut programme. Don Lind's part in the programme was surely frustrating being slated to fly on Apollo moon shots and Skylab before his missions were cancelled. Delays to the shuttle postponed his first flight into space until April 1985 aboard STS51B/Spacelab 3, 19 years after joining the programme. Dr. Lind showed a video of his Spacelab 3 mission, giving a running commentary of the science experiments including auroral photography, fabricating crystals under zero-G and reactions of animals to weightlessness.

Dr. Lind is currently in the U.K. on a mission for the Church of the Latter Day Saints.

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**Due to the publication process, an advert for the
Liverpool John Moores University
Distance Learning course
could not be rendered in this
on-line version of the Newsletter.**

SOCIETY NEWS ROUND UP

ABINGDON AS

Contact: Bob Dryden 01491 201620 or Sebastian Linfoot 01865 725094.

AYLESBURY

Contact Alan Smith, 182 Marley Fields, Leighton Buzzard, Beds. LU7 8WN. Tel. 01525 374258

BRADFORD AS

Web site: <http://www.bradford-astro.freereserve.co.uk>

BRIGDEND ASTRONOMICAL SOCIETY

Meetings alternate Fridays, 7.30pm at Bridgend Bowls Centre

Contact Clive Down, tel. 01656 740754. Email:

clivedown@btinternet.com

8th Dec Unusual Stars, Dave Powell, Cardiff AS

12th Jan Galaxies Of Gas, Dr Jonathan Davies, Cardiff University

9th Feb What Makes A Spiral Galaxy Spiral, Dr Derek Ward

Thompson, Cardiff University

9th Mar The Naming Of The Stars, Bob Mizon CfDS

CARDIFF

Meetings held at Dept. of Physics and Astronomy, Univ. of Wales, 5 The Parade, Newport Road, Cardiff.

Contact Mr. D. Powell, 1 Tal-y-bont Road, Ely, Cardiff. CF5 5EU. Tel. 01222 551704.

CORNWALL AS

Contact Steve Harris, 26 Nanscober Place, Helston, Cornwall, TR13 OSP. Tel. 01326 569254

COTSWOLD AS

Meetings 2nd Saturday of the month, 8.00 pm at Church House, Grafton Road, Cheltenham.

Contact Duncan Willoughby 01452 416405.

9th Dec Christmas Quiz

13th Jan Prehistoric Astronomy, Prof. Clive Ruggles, University of Leicester

10th Feb Mars Direct, Mars Society

10th Mar AGM

EASTBOURNE AS

Meetings held on Saturdays in Willingdon Memorial Hall, Church Street, Willingdon.

Contact Bob Cripps, tel. 01323 732067 or Peter Gill, tel. 01323 646853

9th Dec The Origins of our Universe, Prof. Malcolm Longhair (Univ. of Cambridge)

13th Jan Members' evening

10th Feb X-Ray Astronomy, Dr. Jonathan Mittaz (Mullard Space Science Laboratory)

10th Mar Astronomical Photography, H.J.P. Arnold.

EAST SUSSEX AS

Meetings 1st Thursday of each month 8-10pm at St. Marys School, 6th Form Block,

Westwood Road, Bexhill

Contact Marcus Croft, Tel. 01424 224675 email: secretary@esas.org.uk

Web site: <http://www.esas.org.uk>

FARNHAM AS

Contact: Mr B. Bellinger, 25 Parish Close, Ash, Aldershot, Surrey, GU12 6NU

Email: barry.bellinger@nokia.com

GUILDFORD ASTRONOMICAL SOCIETY

Meetings first Thursday of the month, except for August, 7.30pm at the Guildford Institute, Ward Street, Guildford

Contact Alan Langmaid . tel: 01483 538677

7th Dec The story of star names, Mark Hurn

4th Jan Radio astronomy, Robert Forrest

1st Feb Members Evening

1st Mar Astronomical Imaging from La Palma, Nik Szymanek

HANNEY & DISTRICT AS

Meetings held at the Hanney War Memorial Hall, East Hanney, Oxfordshire at 8.00 pm.

Contact Bob Church, tel. 01235 764089

AS OF HARINGEY

Meets twice monthly on the 1st and 3rd Wed. 7pm. at White Hart Lane School, Wood Green, London N22.

Contact Jerry Workman, 91 Greenslade Rd., Barking, Essex, IG11 9XF. Tel. 0181 5077568

Web site: <http://www.garym.demon.co.uk/index.htm>

HARROGATE AS

Monthly meetings at "Friends Meeting House", Homestead Road, Harrogate, usually on the last Friday of the month.

Contact Bryan Bonser, 01423 331029 or Tony Bills, 01423 501976

HEART OF ENGLAND (HOEAS)

Meetings held on the last Thursday of the month at Furnace End Village, Shustoke (near Coleshill), Warwickshire.

Contact John Williams, 100 Stanway Road, Shirley, Solihull, B90 3RG

30th Nov Searching for Supernovae, Tom Boles

25th Jan Observing with Binoculars, Shaun Albrighton

HEBDEN BRIDGE AS

Meetings every 4th Wednesday at Hebden Bridge Tourist Information Centre at 7.30pm.

13th Dec Binoculars and Binocular Astronomy, Len

Entwistle, Hebden Bridge AS.

10th Jan Observing the Caldwell Objects, David Ratledge (Bolton AS).

ISLE OF MAN AS (IOMAS)

Meetings of the Society continue to be held at the Manx Automobile Club, Hill Street, Douglas, first Thursday each month.

Contact James Martin Tel. 842954

JAVEA & DISTRICT AS

Meets on the 3rd Monday of the month at:

Javea (Xabia) International College, Ctra Cabo La Nao 21,

Apartado De Correos 311, Javea 03730, Alicante'. Spain

Contact: Mike Glazier, tel. 00 34 96 285 3202—647 1785

LETCHWORTH

Meet on the last Wed. of each month.

Contact Alec Wilkinson, 54 Broadmead, Hitchin, Herts. SG4 9LX. Tel. 01462 623654

Web site: <http://www.flexability.co.uk/ldas/>

LIVERPOOL AS

The Croxteth Park Star Party Weekend of Astronomy. 2nd and 3rd December 2000, 6:30pm - 9:30pm.

Contact: Mr Ken Clark, 31 Sandymount Drive, Wallasey, Wirral, L45 0LJ. Tel. 0151-638 3270

Email: gastro@liverpool.ac.uk

Web site: <http://www.liv.ac.uk/~gastro/>

LUTON AS

Meetings last Friday each month , 7.30 pm at its observatory at University of Luton Campus at Putteridge

Bury. The LAS has a 15.5 inch Dall Kirkirm Telescope and Solar

Prominence telescope both built by the late Horace Dall and donated to the LAS in the 1986.
Contact Geoff Mitchell (user998491@aol.com)
Web site: <http://www.lutonastrosoc.org.uk>

MANSFIELD & SUTTON AS

Web site: http://homepage.ntlworld.com/graham.shepherd/Sherwood_Observatory.html

MIDLAND SPACE FLIGHT SOCIETY

Contact Andy Salmon, Olympus Mons, 13 Jacmar Crescent, Smethwich, B67 7LF
Email: andy_salmon@compuserve.com

MILTON KEYNES AS

Meetings are held at Rectory Cottages, Church Green Road, Bletchley, Milton Keynes on alternate Fridays, 8pm
Web site now <http://www.mkas.org.uk>

SCARBOROUGH & DISTRICT AS

Meetings 3rd Friday in month 7pm (from Jan 2001) at
Contact: Mrs. S. Anderson, tel. 01723 500389 email: gwerman@ukf.net
Web site: <http://www.baryte.demon.co.uk/astro/>

SCOTTISH ASTRONOMERS

Ken Mackay at Hayford House, Cambusbarron, Stirling FK7 9PR.
Web site: <http://star-www.st-and.ac.uk/~fv/sag/sag.html>

SOLENT

Room 8 of the Oaklands Centre, Fairisle Road, Lordshill, Southampton, 7.30 pm. every third Tuesday of the month.
19th Dec Meteors, Neil Bone

SOUTHAMPTON AS

Meetings are held on the 2nd Thursday of each month, except August, in Conference Room 3, Civic Centre, Southampton, at 7.30 pm Contact: John Thompson, 4 Heathfield, Hythe, Southampton, SO45 5BJ. Tel 023 8084 2531, e-mail: John.G.Thompson@tesco.net
14th Dec Video and Social Evening
11th Jan Indoor Astronomy Lilian Hobbs
8th Feb Astro Alphabet Bob Mizon

SUNDERLAND AS

Meetings are held on the 1st, 2nd and 3rd Sunday's of the month at 7.30pm at the Friends Meeting House, 30 Roker Park Road, Sunderland. Public observing sessions are held on the 1st and 3rd Wednesdays of each month at the main car park of the Washington Wildfowl and Wetlands Centre, (sign posted on the A1231, off the A19) at 7.00pm. Dark Sky Observing sessions are held at Derwent Reservoir on the weekends prior or during the time of New Moon. Please correspond with a society member prior to travelling to confirm the observing session is still valid. Saturday 16th December: Sunderland AS' Christmas Benker Night
Contact Tom Crann

TIVERTON AS

Meetings first Friday of the month during term time, 7.30pm at Blundells School, Tiverton.
Contact Neil Purves, Great Meadows, Plymtree, Cullompton, Devon, EX15 2LN
Web site: <http://www.tivas.org.uk/>

VECTIS AS

Meetings 7.30pm on fourth Friday of each month at Newport Parish Church Centre, Town Lane, Newport.
Contact John Smith, tel. 01983 865451
Web site: <http://www.wightskies.fsnet.co.uk>

WEST MIDLANDS AS—New Society

Anyone interested should contact Andrew on 0121 243 6950 or by email at 106136,2750@compuserve.com.

WOLVERHAMPTON

Meetings on alternate Monday evenings at Beckminster Church Hall, Birches Barn Road, Wolverhampton at 7.30 pm.
Contact Michael Bryce on 01562 742850 or Barbara Russell on 01902 650168.
Web site: <http://www.wemfas.atfreeweb.com/was/was.htm>

WORTHING AS

Meets 2nd Wed of the month at Heene Church Rooms, Heene Rd., Worthing at 7.30pm.
Web site: <http://www.worthingastro.freeserve.co.uk>

YORK AS

Meetings on the first and third Friday each month except August at The University of York Rm. G120, Goodricke College, York at 8 pm.
Contact Hazel Collett 01423-320012 Mon—Thur. daytime or Martin Dawson 01904-658072 evenings.

If the society you are looking for is not listed try the FAS Handbook which contains details of all the Societies in the FAS. If your society wishes to be mentioned in the round-up send in your events / change of meeting date / location etc. and I'll endeavour to slot them in. In Newsletter editions which are pushed for space, entries which duplicate the Handbook or have been published previously may be removed.

National Science Week 2001

Friday 16 to Sunday 25 March 2001

To be listed in the British Association's programme of events please get in touch with Maria Roy of The BA as soon as possible.

British Association, 23 Savile Row, London W1X 2NB.
<http://www.britisassoc.org.uk>

If you have an event planned, please let FAS members know by sending details to the editor for inclusion in the next Newsletter.

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LIST OF OFFICERS 2000/2001

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15 Newham Lane, Steyning, West Sussex, BN44 3LR
Tel: 01903 814090
E-mail Nick@nquinn.demon.co.uk

Chilterns Group : **Ian Coulson**
19a, Bowling Green Road, Kettering, Northants,
NN15 7QW. Tel: 01536 484325
E-mail albedo@freewire.co.uk

North West Group : **Ron Kelley**
See Minutes Secretary above.

West Midlands : **Andy Salmon**
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Membership Changes

Remember to send society contact changes to the Membership Secretary, Eric Hutton, 29, Paternoster Close, Waltham Abbey, Essex, EN9 3JU.
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Deadline for submission for next newsletter, 31st December 2000.

Please remember to send ALL articles to the Editor, Callum Potter. Regrettably Material can only be returned if supplied with a SAE.