

ORWELL ASTRONOMICAL

SOCIETY IPSWICH

Charity No 271313

OCTOBER 2003

AUTUMN ASTRO MEETING

The SPA will be joining us at this meeting as part of their
50th Anniversary year celebration

Saturday October 4th 2003

Programme

Time	Event	Lecture Title
13:00	Doors Open Start videos Refreshments open Displays available	
14:00 - 15:00	1 st lecture Martin Mobberley	Imaging comets
15:00 - 15:30	Break	
15:30 - 16:30	2 nd lecture Martin Lunn	Pre Telescope Astronomy
16:30 - 16:50	3 rd Lecture (short lecture) Neil Morley	Millennium Telescope Update
16:50 - 17:10	4 th Lecture (short lecture) Paul Whiting	Australia eclipse
17:10 - 17:30	5 th Lecture (short lecture) Nigel Evans	Australia eclipse
17:30	Doors close	
17:30 - 21:00	Orwell Park Observatory open	

Venue: St Mary Magdalen Church Hall, Highfield Approach, Ipswich

Anglia Cameras and Aurora Books will have Stands
Other displays are still in preparation

Society News

1 Next Committee Meeting (Note change of date)

The next committee meeting will be held on Saturday 18th October at 19:30 in a classroom in the court yard. This is an open meeting and any one who is interested is invited to attend.

2 Events for 2003

Meeting	Venue	Date
1 st Astronomy Workshop	Several members Talking About Telescopes	Wednesday 1 st October
Autumn Astro Meeting	St May Magdalene church hall in Highfield Approach Ipswich.	Saturday 4 th October
2 nd Astronomy Workshop	Garry Coleman Comets - Visitors From Outer Space	Wednesday 5 th November
3 rd Astronomy Workshop	St John Robinson Cosmology - Some Thoughts	Wednesday 3 rd December
Christmas Meal	Provisional dates 10 th or 17 th December	No venue decided

Workshop Meetings in 2004

Meeting	Venue	Date
4 th Astronomy Workshop	James Appleton Constellation Close up: Gemini	Wednesday 4 th February
5 th Astronomy Workshop	Pete Richards Astronomy - Some Basic Concepts	Wednesday 3 rd March
6 th Astronomy Workshop	Bill Barton Rainbows and Other Natural Wonders	Wednesday 7 th April
7 th Astronomy Workshop	Paul Whiting The Radio Universe - A Look At Radio Astronomy	Wednesday 5 th May

3 Autumn Astro Meeting

The SPA will be joining us at this meeting as part of their 50th Anniversary year celebrations

The lecture programme for this event has now been finished.
What is now needed is a selection of displays to help fill the hall If you have any displays for this event please contact me (Roy Gooding)

The venue is at St Mary Magdalen Church Hall, in Highfield Approach Ipswich Highfield Approach is off the Norwich Road, 2nd right after the railway bridge going out of town.

**Other Societies who receive our Newsletter are invited to attend this event.
If you wish to have a display area please contact me (Roy Gooding)**

Email [REDACTED]

Autumn Astro Meeting Programme

Time	Time	Lecture Title
12:00	Access to hall set up hall	
13:00	Doors Open Start videos Refreshments open Displays available	
14:00 - 15:00	1 st lecture Martin Mobberley	Imaging comets
15:00 - 15:30	Break	
15:30 - 16:30	2 nd lecture Martin Lunn	Pre Telescope Astronomy
16:30 - 16:50	3 rd Lecture (short lecture) Neil Morley	Millennium Telescope Update
16:50 - 17:10	4 th Lecture (short lecture) Paul Whiting	Australia eclipse
17:10 - 17:30	5 th Lecture (short lecture) Nigel Evans	Australia eclipse
17:30	Doors close	
17:30 - 18:00	Hall clean up time	
18:00 - 17:30	Evening pub meal ?	
17:30 - 21:00	Orwell Park Observatory open	

4 Year Three of the Library Rebuild

The Observatory will not be closed during the summer.

But

Its that time of year again when the observatory refurbishment commences. Work



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will restart on completing the new society Library. When you attend Wednesday evenings any helping hand would be appreciated.

Help is requested to man (or woman) the power tools, hammers, and paint brushes.

Once the walls have been finished the new library cabinets will assembled

I will be resuming the observatory painting in May, Probably starting with the walls of the room at the base of the stair well.

Members who attend will be encouraged to lend a hand. If you intend to come along to the observatory during summer period please come in old clothes Volunteers are needed for the following jobs

Observatory Maintenance Jobs for 2003

Location	Jobs	Names	Progress	Completed
Computer room	New eyepiece cupboard	Neil Morley		
	Stain floor	Neil Morley	Ongoing	
	Mount either a new or the old heater on the wall			
Transit room	Paint door panels	Pete Richards Kathryn Gerry		Yes
	Wash walls	Monica Lustig		Yes
	Drill ventilation holes in stairs Rebuild telescope pillar	Gerry Pilling		Yes
Observatory	Construct new RA drive control			
	Grease shutter	Martin Cook		Yes
	Replace shutter rope	Martin Cook		Yes
	Repair gutter			
	Paint door frame at the top of the stairs			
Belvedere	Ladder modification	Garry Coleman Gerry Pilling		Yes
	Build set of mobile stairs for telescope	Martin Cook		
	Paint all balcony doors. Use white Ranch paint			
	East balcony Paint balcony door, inside and outside.	Mike Whybray	Started	
	South east balcony Paint balcony door, inside and outside.			
	South balcony Paint balcony door, inside and outside Door needs repairing.	Garry Coleman	Started	
	South west balcony Paint balcony door, inside and outside.			
	West balcony Paint balcony door, inside and outside.			
	Complete painting the stone work			
	Library	Complete the library reconstruction	Martin Cook Ken Goward	Started

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	Install new electric circuit in lift shaft	Martin Cook Dave Payne James Appleton	Ongoing	
Bottom room	Varnish door	Roy Gooding		
	Make good room walls, stabilise and paint	Roy Gooding	Ongoing	
Entrance	Install door bell	Eric Sims Roy Gooding		Yes
Entrance	Obtain entrance direction signs & fix to walls	Roy Gooding	Collected	Yes

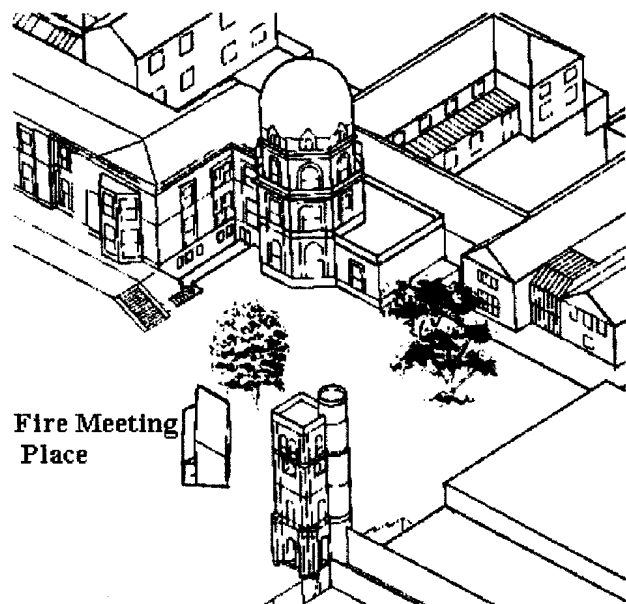
If you wish to help by adopting a balcony door please contact either Martin Cook or Roy Gooding.

5 New Fire Drill Meeting Place

The new meeting place when the School's fire alarm is heard, is in front of the sports pavilion on the Schools playing field

The playing field is accessed by the double doors at the base of the observatory tower.

The School's fire control meeting place is also on the playing field



Late Breaking Event

Lecture by Nik Szymanek on Astronomical Photography to the Ipswich and District Photographic Society

Venue Monday 27th October at 7.30pm in St. Francis Church Hall, Hawthorn Drive, Ipswich

Full email text

Ipswich and District Photographic Society are having a lecture by Nik Szymanek on "Astronomical Photography" on Monday 27th October at 7.30pm in St. Francis Church Hall, Hawthorn Drive, Ipswich. We would be pleased to welcome any of your members who would like to come and share the evening with us, as it is a good chance for you to meet Nik and see his exciting photographs. He is a world famous astronomical photographer and apparently his work is fantastic so do avail yourselves of this opportunity if you can!

If you need any further details on the venue please phone me on [REDACTED] or e-mail me.

Best wishes,
Lynda Robinson

Astronomy Workshops – a reminder

that the first of the new series starts on Wednesday Oct 1st in the school science classroom: 7.45 until 9.00. Topic – ‘Talking about Telescopes’. Members are invited to bring their back garden instrument, and say a few words about it – and mention their viewing habits if they wish. The series continues on the first Wed of each month (except January 2004) until May, with a variety of topics presented by our members, each advertised in the news letter. Come early to get a seat!!! Ted Sampson.

Sun

The sun will be rising approximately between 06:10 and 07:00
 The sun will be setting approximately between 17:50 and 16:30

Moon

1st Quarter	Full Moon	3rd Quarter	New Moon
2 nd	10 th	18 th	25 th

- Mercury** Mercury rises about 2 hours before the sun at the beginning of the month. Magnitude -1.2. It will be at superior conjunction on the 25th
- Venus** Venus has now moved back into the evening sky this month. However it remains to close to the sun to be observed
- Mars** Mars remains observable this month. As its distance from Earth increases its brightness fades to magnitude -1.3
- Jupiter** Jupiter will be rising at about 02:00 by the end of the month. Magnitude -1.8.
- Saturn** Saturn will rising at about 20:00 at the end of the month. It will be at magnitude 0.0.
- Uranus** Uranus will be setting 00:30 at the end of the month. Magnitude 5.7
- Neptune** Neptune will be setting 22:30 at the end of the month. Magnitude 7.8

Meteor Showers

Shower	Maximum	Limits	ZHR
Piscids	October 13 th	September to October	?
Orionids	October 20 th	October 16 th - 27 th	25

Meteor source is the BAA Handbook

OCCULTATIONS DURING OCTOBER

The table lists stellar occultations which occur during the month under favourable circumstances. The data relates to Orwell Park Observatory, but will be similar at nearby locations.

D	Date & Time	Lunar	Sun	Star	Star	Mag
R	(UT)	Phase	Alt	Alt		
			(°)	(°)		
D	05 Oct 22:55	0.81+	-42	12	Hip 107111	7.0
D	19 Oct 00:24	0.44-	-47	18	19 Cnc, lambda Cnc	5.9
R	01:22		-43	27		

James Appleton

2003 COMMITTEE	CHAIRMAN & PUBLICITY	K Goward	Home Phone	Work Phone
	SECRETARY & WORK PARTY ORGANISER	R Gooding		
TREASURER	G Coleman			
MECHANICS & MEMBERSHIP	M Cook			
NEWSLETTER CO-ORDINATOR	E Sims			
ASTRONOMY WORKSHOP	T Sampson			
WEB SITE & MEETING MINUTES	J Appleton			
EQUIPMENT CURATOR	P O'Sullivan			
LIBRARIAN	M Whybray			
CO-OPTED MEMBERS	P Richards			
LECTURE CO-ORDINATOR	Paul Whiting			
VISITS BY OUTSIDE GROUPS	E Sims	Ipswich Suffolk IP1 4HA		
JOURNAL ARTICLES TO CORRESPONDENCE ADDRESS	R Gooding	OASI Secretary		
MEMBERSHIP	M. Cook	Ipswich Suffolk IP1 6AE Ipswich IP4 5PZ		

Observing Programme For October

Dates	Observing Director	Activities
Monday		Nothing Booked
Tuesday		Nothing Booked
Wednesdays 1st - 8th - 15th - 22nd - 29th October	from 8.00 M Cook D Payne	Nebular & Faint Objects
Thursday		Nothing Booked
Friday		Nothing Booked

All members are welcome on any night, but on nights other than Wednesday please check with the appropriate director that the observatory will be open.

Special Events

1. AUTUMN ASTRO MEETING 4th OCTOBER

The Autumn Astro Meeting will be held on the 4th of October in the church hall of St Mary Magdalene Church in Highfield Approach.

2. COMMITTEE MEETING 18th OCTOBER

The next Committee Meeting is to be held on Saturday the 18th of October at 7.30pm in the class room at Orwell Park School. All members are welcome to attend.

3. ASTRONOMY WORKSHOP 1st OCTOBER

The Astronomy Workshop starts at 7.45pm on Wednesday 1st October. Talking about telescope. (Various members saying what they do in their back gardens at night).

Society Contact Details

	<u>Home Phone</u>	<u>Work Phone</u>
Chairman	K Goward	[REDACTED]
Secretary	R Gooding	[REDACTED]

Contact details for the full committee are inside the back page.

e-mail queries: ipswich@ast.cam.ac.uk
 WWW address: <http://www.ast.cam.ac.uk/~ipswich/>