



# The Newsletter

of the



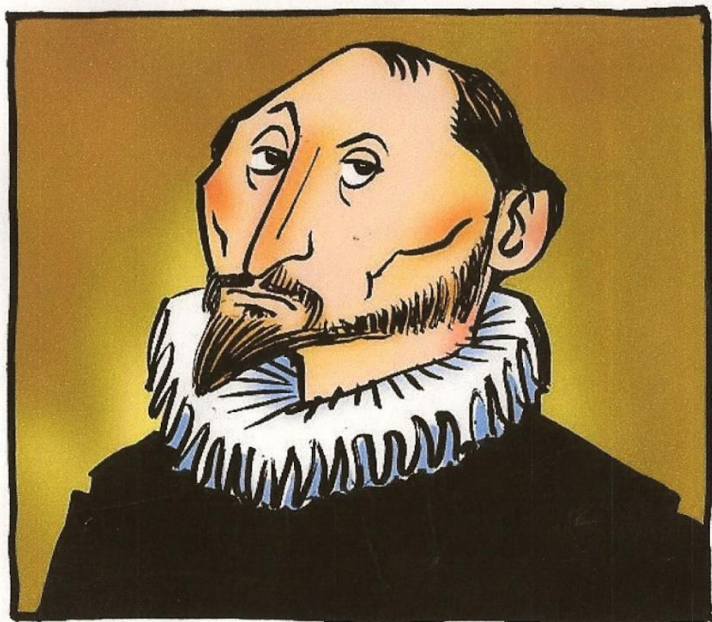
**Orwell Astronomical Society (Ipswich)**

2010  
August  
September

Registe ch no. 271313  
[www.oasi.org.uk](http://www.oasi.org.uk)

No 455

IN FACT, HARIOT WAS  
A BRILLIANT SCIENTIST!  
APART FROM HIS WORK  
AS AN ASTRONOMER,  
HE --



Thomas Hariot

Many thanks to Hunt Emerson, Kevin Jackson and the Fortean Times for permission to reproduce this picture.



# The Newsletter

of the



## Orwell Astronomical Society (Ipswich)

2010

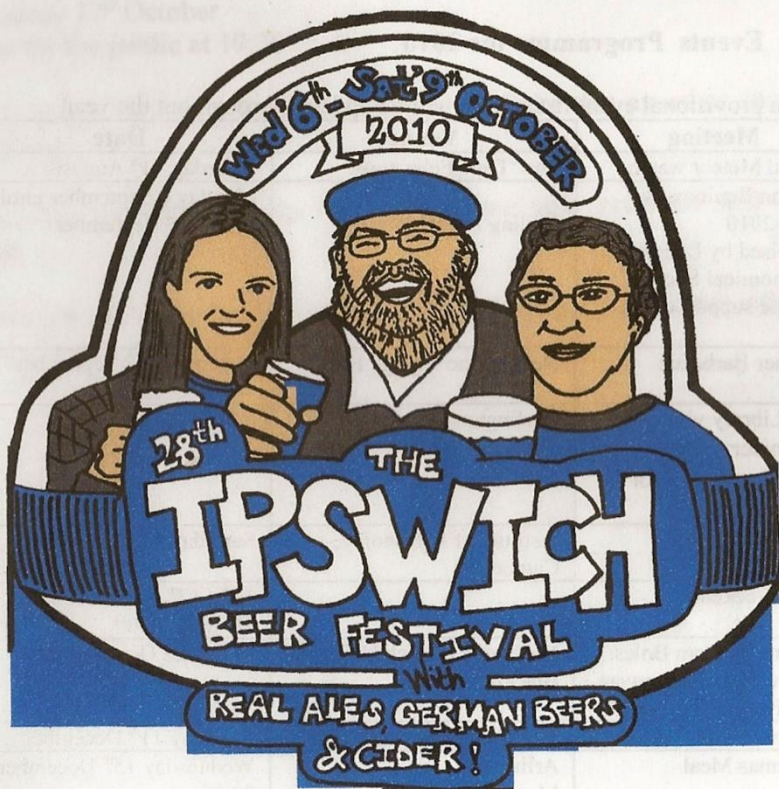
Registered no. 271313

August

[www.oasi.org.uk](http://www.oasi.org.uk)

No 455

September



# Society News (Roy Gooding)

## 1 Committee Meeting Saturday 23rd October

All members are invited to attend the next Committee meeting, on Saturday 23rd October. Start time 20:00. Venue Methodist Church Hall

## 2 Access into the School Grounds and Observatory Tower

Please use the third gate into the school grounds, this is the gate behind the Gym. If the Black door entrance at the base of the observatory tower is locked, you will have to phone someone in the observatory to let you in. My mobile number is [REDACTED] (Roy Gooding) alternatively the Observatory mobile is [REDACTED] during meeting hours. The gate code is on the back of your membership card

## 3 Welcome to New Members

Janice Guilbert Garry Jaycock Daryl Cliffe

## 4 Events Programme for 2010

This is a provisional event list, which will be updated through out the year

| Meeting  | Venue                                      | Date   |
|--|--|--|
| Perseid Meteor watch   | The "Dip" Felixstowe                       | Saturday 14 <sup>th</sup> August                           |
| Autumn Equinox Sky Camp 2010<br>Organised by Loughton Astronomical Society with the support of the SPA | Kelling Heath, Norfolk                     | Monday 6 September until Friday 17 September               |
| Summer Barbecue  | Newbourne Village Hall                     | Saturday 11 <sup>th</sup> September 14:30                  |
| RAS Library visit<br>Organiser: Contact Tina Hammond for more details                                  | Burlington House Piccadilly London         | Saturday 2 <sup>nd</sup> October                           |
| FAS Convention   | Institute of Astronomy, Cambridge          | Saturday 9 <sup>th</sup> October                           |
| Open Weekend   |  | 16 <sup>th</sup> / 17 <sup>th</sup> October 19:30 to 22:00 |
| Lecture by Tom Boles: Discovering Supernovae - Motivation & Rewards                                    | Methodist Church Halls, in Blackhorse Lane | Friday 22 October 20:00                                    |
| Geminid Meteor watch   | The "Dip" Felixstowe                       | Saturday 11 <sup>th</sup> December                         |
| Christmas Meal   | Arlingtons Museum street                   | Wednesday 15 <sup>th</sup> December 20:00                  |

## 5 Events Programme for 2011

This provisional event list will be updated through out the year

| <b>Meeting</b> | <b>Venue</b>                               | <b>Date</b>                               |
|----------------|--|---|
| AGM            | Methodist Church Halls, in Blackhorse Lane | Saturday 8 <sup>th</sup> January<br>20:00 |

## 6



This event has now been confirmed with the School and will be held on Saturday 16<sup>th</sup> and Sunday 17<sup>th</sup> October  
Doors open for the public at 19:30

As usual as much help as possible is required to make this an other successful Open Weekend.

If you are only available to help for a short time your presence will still be appreciated.

Please make use of the poster. If you require any more, please contract either Eric Sims or Roy Gooding

# **Christmas Meal!**

## **Wednesday 15<sup>th</sup> December 20:00**

Arlingtons require the meal deposit by the end of September. Please make your choice and confirm your attendance ASAP, by providing a deposit. Any cheques should be made out to Roy Gooding and not the society. As usual it will be on a first come basis. I have booked 30 places.

### **Starters:**

Chestnut, parsnip & apple soup  
Chicken, ham terrine  
Prawn Cocktail  
Beetroot, walnut salad with goats cheese toast  
Smoked salmon, new potatoes with dill creme fraiche  
Roquefort & red onion with hazelnut dressing

### **Main course:**

Turkey with all the trimmings  
Cod, with pea puree, smoked bacon & shallot sauce  
Beef with Madeira fondant potatoes and mixed vegetables  
Vegetable stew with fresh mango & coconut relish  
Honey-roast pork, with mustard potatoes, apple compote & mixed vegetables  
Roast lamb, onion mash, & mixed vegetables

### **Dessert:**

Christmas pudding with brandy sauce  
Ice coffee & honeycomb parfait  
French Christmas roll  
Chocolate Marquise pot  
Winter berries Pavlova & toffee sauce  
Cheeses & biscuits

### **Tea or Coffee with minced pie**

Cost: £25 per head

Deposit: non returnable £10 by September

I will be instigating the usual booking method soon: Roy Gooding

# Night Sky (August)

All times GMT

## Moon

| 3 <sup>rd</sup> Quarter | New Moon         | 1 <sup>st</sup> Quarter | Full Moon        |
|-------------------------|------------------|-------------------------|------------------|
| 3 <sup>rd</sup>         | 10 <sup>th</sup> | 16 <sup>th</sup>        | 24 <sup>th</sup> |

| Object  | Date | Times |       | Mag  | Notes  |
|---------|------|-------|-------|------|--|
|         |      | Rise  | Set   |      |  |
| Sun     | 1    | 04:17 | 19:46 |      |  |
|         | 31   | 05:05 | 18:45 |      |  |
| Mercury | 1    | 06:55 | 20:18 |      | This apparition is poor one, Mercury remains very low down in the evening twilight sky |
|         | 31   | 05:57 | 18:25 |      |  |
| Venus   | 1    | 08:37 | 21:09 | -4.3 | Venus remains the brightest object in the evening twilight sky                         |
|         | 31   | 09:37 | 19:40 |      |  |
| Mars    | 1    | 09:19 | 21:23 | 1.5  | Mars is also low down in the evening twilight sky                                      |
|         | 31   | 09:10 | 19:55 |      |  |
| Jupiter | 1    | 21:25 | 09:34 | -2.8 | Jupiter is now well placed to observe in the late evening and early morning sky        |
|         | 31   | 19:24 | 07:23 |      |  |
| Saturn  | 1    | 09:11 | 21:33 | 1.1  | Saturn is low down in the evening twilight sky   |
|         | 31   | 07:31 | 19:40 |      |  |
| Uranus  | 1    | 21:16 | 09:19 | 5.8  | Uranus is about 3°, west of Jupiter, making it a good locator for the planet           |
|         | 31   | 19:16 | 07:16 |      |  |
| Neptune | 1    | 20:18 | 06:14 | 7.8  | Neptune is in Capricornus and will be at opposition on the 20 <sup>th</sup>            |
|         | 31   | 18:18 | 04:11 |      |  |

## Meteor Showers

| Shower         | Limits   | Maximum                          | ZHR |
|----------------|--|----------------------------------|-----|
| α Capricornids | July 15 <sup>th</sup> to August 20 <sup>th</sup> | August 2 <sup>nd</sup>           | 5   |
| ι Aquarids     | July to August                                   | August 6 <sup>th</sup>           | 8   |
| Perseids       | July 23 to August 20 <sup>th</sup>               | August 12 <sup>th</sup><br>21:00 | 80  |

Meteor source is the BAA Handbook

# Night Sky (September)

All times GMT

## Moon

| 3 <sup>rd</sup> Quarter | New Moon        | 1 <sup>st</sup> Quarter | Full Moon        |
|-------------------------|-----------------|-------------------------|------------------|
| 1 <sup>st</sup>         | 8 <sup>th</sup> | 15 <sup>th</sup>        | 23 <sup>rd</sup> |

| Object  | Date | Times |       | Mag  | Notes   |
|---------|------|-------|-------|------|---|
|         |      | Rise  | Set   |      |   |
| Sun     | 1    | 05:07 | 18:43 |      |   |
|         | 30   | 05:54 | 17:36 |      |   |
| Mercury | 1    | 05:48 | 18:20 |      | Mercury has moved back into the morning sky. Greatest western elongation is on the 19 <sup>th</sup> |
|         | 30   | 04:36 | 17:25 |      |   |
| Venus   | 1    | 09:39 | 19:36 | -4.6 | Venus remains the brightest object in the evening twilight sky                                      |
|         | 30   | 09:47 | 17:50 |      |   |
| Mars    | 1    | 09:10 | 19:52 |      | Mars is a low down in the evening twilight sky. By mid month it will not be observable              |
|         | 30   | 09:09 | 18:33 |      |   |
| Jupiter | 1    | 19:20 | 07:18 | -2.9 | Jupiter is well placed to observe through the night. Opposition is on the 21 <sup>st</sup>          |
|         | 30   | 17:20 | 05:03 |      |   |
| Saturn  | 1    | 07:27 | 19:36 |      | Saturn will be difficult to see this month, as it is lost into the evening twilight sky.            |
|         | 30   | 05:53 | 17:48 |      |   |
| Uranus  | 1    | 19:12 | 07:12 | 5.8  | Uranus is at opposition on the 22 <sup>nd</sup>   |
|         | 30   | 17:16 | 05:11 |      |   |
| Neptune | 1    | 18:15 | 04:07 | 7.8  | Neptune remains in Capricornus  |
|         | 30   | 16:19 | 02:09 |      |   |

## Meteor Showers

| Shower  | Limits               | Maximum               | ZHR |
|---------|----------------------|-----------------------|-----|
| Piscids | September to October | Sept 8 <sup>th</sup>  | 10  |
|         |                      | Sept 21 <sup>st</sup> | 5   |
|         |                      | Oct. 13 <sup>th</sup> | ?   |

Meteor source is the BAA Handbook

## OCCULTATIONS DURING AUGUST

No interesting lunar occultations occur during the month under favourable circumstances.

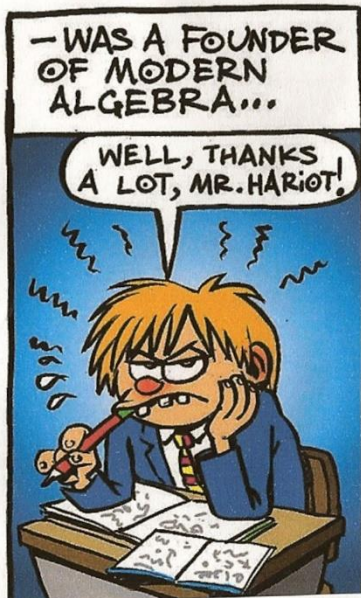
James Appleton

## OCCULTATIONS DURING SEPTEMBER

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

| Date   | Time (UT) | D<br>R | Lunar<br>Phase | Sun<br>Alt<br>(d) | Star<br>Alt<br>(d) | Mag | Star    |
|--------|-----------|--------|----------------|-------------------|--------------------|-----|---------|
| 19 Sep | 20:19:52  | D      | 0.89+          | -21               | 24                 | 6.9 | ZC 3119 |
| 23 Sep | 00:09:45  | D      | 1.00+          | -38               | 39                 | 5.7 | 16 Psc  |

James Appleton



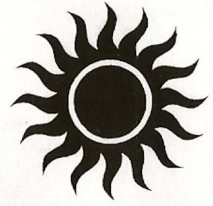
Many thanks to Hunt Emerson, Kevin Jackson and the Fortean Times for permission to reproduce this picture.



# OASI SUMMER Barbecue 2010



Saturday 11<sup>th</sup> September  
Newbourne Village Hall,  
Newbourne, Suffolk.



The event is open to all OASI members and their friends and families.

Free entry. Setting-up time shortly after midday and finish time late in the evening.

Bring food to barbecue and drink and - optionally - picnic/garden chairs.

The barbecue will be ready for use at about 3pm.

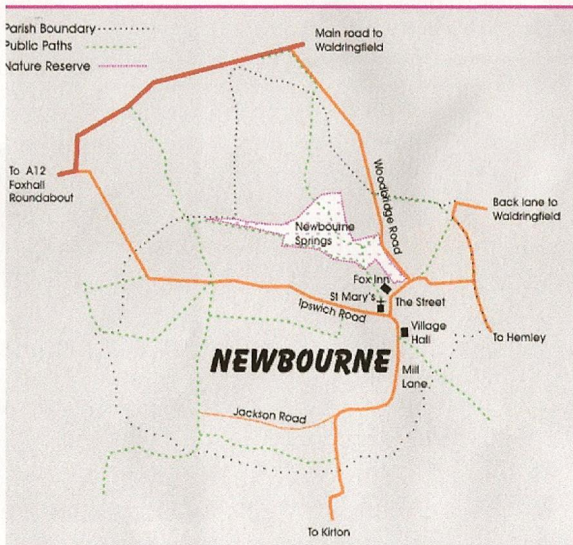
**General Knowledge Quiz** (suitable for non-astronomers).

The venue has an excellent playing field so feel free to bring along equipment for outdoor games and pastimes. The club solar telescope will be available.

There will be a **Star Party** after dusk - weather permitting.

Come to just the barbecue in the afternoon or just the star party in the evening or both.

If the weather is inclement bring party food and indoor activities  
will be organised in the hall.



From the Newbourne Village Hall Website (picture left): *"The hall is situated in Mill Road Newbourne and has a playing field and car parking. Inside there are modern kitchen and toilet facilities, with one large main hall and an additional side area. There is good access for wheel-chairs."*

Satnav info: Venue  
Postcode IP12 4NP

## **Astronomy in the Park, May 22<sup>nd</sup> & 23<sup>rd</sup>** **by Roy Gooding**

After the successful observational event in April at the Orwell Country Park, the second spring Astronomy in the Park, in May, was waited for with eager anticipation. This event was our third observational public outreach meeting since February. For last year's spring event to observe the Sun, we were fortunate enough have two gloriously hot summer days and, as everyone knows, arranging any astronomical event is cursed with our unpredictable weather. The five-day weather forecast at the start of the week kept our hopes up, and as Friday approached it looked as though Spode<sup>1</sup> was taking yet another May holiday. It was going to be warm and sunny. Saturday began overcast and murky, but once the Sun had been up for a few hours the clouds started to disperse. By about mid-morning the sky was mostly clear! Not to be outdone, Sunday was also hot and sunny. The chances of staging two events to observe ring the Sun one year apart, and both having good weather, must be almost unprecedented.

I arrived with Eric Sims at the park car park around 10:15. We were met by Joe Startin, who had arrived a little earlier. We proceeded to take our equipment to the spot above the Reg Driver Center

- Chairs
- A table
- Safety display board
- 70 mm Maksutov telescope to project the sun
- A pair of solar binoculars
- The Society's solar telescope

The area above the Reg Driver centre has an unrestricted view from the southeast to southwest. There are also several trees that offer shade, when any one decides to take a break.

The safety display board was positioned next to the path. By about 10:30 we had set up all our equipment, and passing people began walking over to see what we were doing. 11:00 was our official opening time, but circumstances dictated otherwise. A short time later Bill Barton arrived with his 4" refractor. Pete and Nicky Richards, Tina Hammond and son Lindsay arrived

soon after. Having gained five, we promptly lost one. Joe had arranged to meet his wife in town. We now had sufficient staff to man the equipment and meet and greet any passing walkers on their way into, and out of, town.

Last year the Sun was in very a quiet state. Its surface was completely bland without any sunspots. We even resorted to drawing a spot on the projection card. This year, however, it had started to wake up. A small sunspot group had appeared, and several solar prominences were giving a great display around the sun's disc. One prominence in particular, was showing changing structure over the two days. It had started out as a single spike on Saturday morning, and by late afternoon a loop had developed. The loop was still observable on Sunday. As he did last year, Bill alternated pointing his telescope at the Sun and Venus.

We guesstimated that we had about 250 visitors on the Saturday. A little after 16:00, we decide to call time for the day, and proceeded to store our equipment in the Reg Driver Centre overnight.

At about 10:30 Sunday morning, we reconvened back in the park, and the weather did not disappoint us. The usual Saturday crowd gathered again: Eric, Bill, Nicky, Pete, Tina and the additional new face to these solar observing sessions in the park, Martin Cook. Several other members came along for an hour or so. Andy Leggett and family; Hubert Miciula and Ben Powis. We were soon very busy again.

On the Saturday we had fastened our society yellow banner to the fence just above the visitors centre. This was not ideal as the banner had to go round a corner. On the Sunday we moved it to the iron railing fence surrounding the nearby Nine Martyr memorial.

The first thing we showed the visitors, when they came over to see us, was the safety demonstration. This involved burning holes with a magnifying glass in sheets of black card. Occasionally we had a visitor who did not believe that we had the correct safety equipment and refused to look at the Sun because it was dangerous, but these were in the minority. We used two ways of enticing passing visitors: the normal introduction, "Hello would you like to see the Sun?", and the alternative one Martin instigated, was to burn holes in cardboard in front of passing people, then ask them if they would like to see the Sun. Both methods were successful.

On Sunday afternoon several interesting people dropped by. Tina started talking to one lady, whom she noticed did not have a local accent. It transpired she came from Zimbabwe and, amazingly, knew one of Tina's cousins who had also lived there.

A little later Tina recognised another acquaintance, Inga Lockington, and her husband Tim. Inga is a former Mayor of Ipswich, and was passing by checking whether the plaque with her name on had been erected beneath the sweet chestnut tree in the area we were working from. She was disappointed again, no plaque had yet been set up. It has been a long tradition for all the mayors of Ipswich to have a tree planted in Christchurch Park dedicated to their year in office.

Tina also met a member of a quiz team she and Paul Whiting regularly play against: the Gobi Desert Lifeboats. Nicky was amazed when Tina introduced her to this man, a Mr Gillard [Nicky's maiden name was Gillard]. It transpired they both hailed from the same part of England!

Another unexpected visitor, that only Martin and I knew, was Mike Stowe. Mike was the Society's Secretary in the 1970's. It was the first time I had seen him in over 25 years. The three of us together with some of the newer OASI members spent about 30 minutes reminiscing about the Society's old days, until his wife came to find him. About half an hour later I went to get an ice cream and met her again; she was still looking for him, Mike having wandered off again. He was given an open invitation to revisit the Observatory. Another visitor mentioned in passing, that he knew another Roy Gooding. To my knowledge, this makes three of us in the area with the same name, the third, is an uncle.

The magnifying glasses that we used for the safety demonstration proved a fascinating attraction for many of the youngsters, who had come along with their families. Many times we had to make sure our attention was not distracted too much, in case they inadvertently walked off with the magnifying glass, while talking to other visitors.

Several visitors were sufficiently interested that we gave them a membership form and information sheet; 25 were handed out. We guesstimated that we had another 250 visitors on the Sunday. This gave a grand total of about

500+ visitors.

During both days Tina had been enthusiastically taking many dozens of photographs, the best of which can be seen on our web site.

The first warm days of summer always gets people eager to shed heavy winter clothing and adopt summer wear. Even with judicious application of sun block cream, many members were showing signs of being in the sun to long, having acquired red limbs and faces by Sunday afternoon.

As always, I would like to thank all members who gave up their time to make this another successful event.

*1 Spode's Law*

*Is the astronomical equivalent of Murph's law "If something can go wrong it will"*



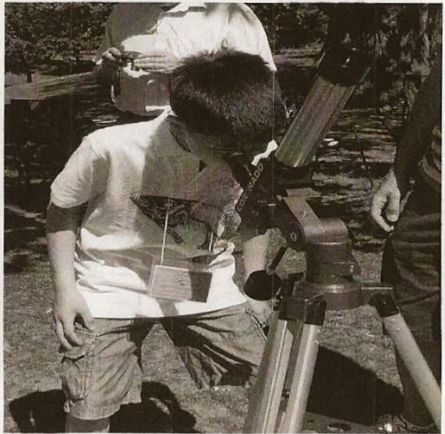
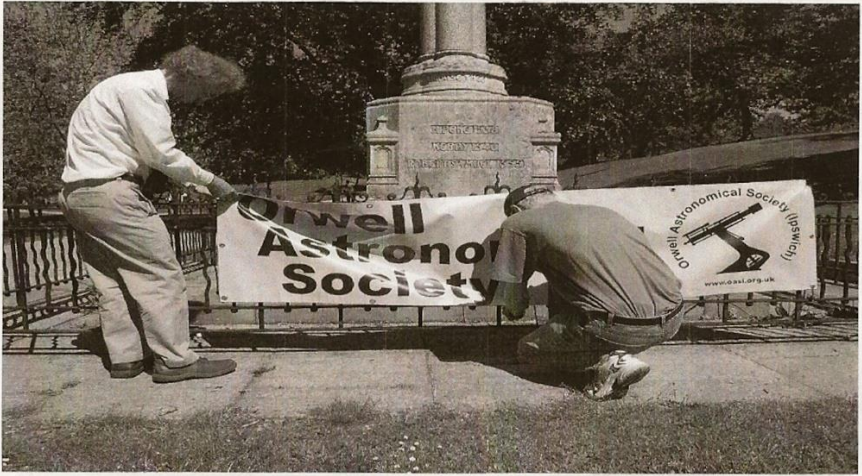
Attracting new Customers



Nicky, giving some visitors an introduction to solar observing



Vistors using Solar Binoculars and Telescope



## **New Members Evening - August 2010**

*by Tina Hammond*

As OASI has been pleased to welcome many new members this year, it is intended to hold an evening purely for their benefit, where they can ask questions, not matter how trivial they may appear, get advice on buying or using a telescope, navigating the night skies, finding out what goes on at the Observatory every week.....etc!

The first Evening will be on Thursday 26 August; if it is well attended there will be more! So we have enough 'experienced' volunteers in attendance, we do need to know in advance how many will be coming, so if you would like to take advantage of this evening, please get in touch with Martin Cook, stating how many persons will be with you.

### **OASI SOCIAL EVENTS, SEPTEMBER AND OCTOBER 2010**

As the end of summer approaches, and the autumn and dark nights draw ever closer, a gently reminder about the various and manifold activities OASI offers toward the end of this year is appropriate.

Firstly is our Summer Barbecue, on Saturday 11 September at Newbourne Village Hall (full details elsewhere in the newsletter).



This promises to be a fun day out as always; the expectation of good weather is high, due to the increased frequency of Indian summers to these shores in recent years.

The afternoon starts at 2 pm, and lighting up time is 3 pm; bring your own meat/veggie. The day will include a raffle (donations always appreciated!); a quiz and observing (so you are also welcome to bring binoculars or a telescope). The date was chosen with care to maximise good weather and a prolonged window of observing the night sky. Pete Richards is the man to contact if you are interested in attending this excellent activity.

October has a lot to offer. Saturday 2 October is our visit to the Royal Astronomical Society (RAS) Library in Piccadilly, London. All you have to do is pay for your own train fare and manage to get to the RAS at Burlington House in time.

The visit is from 10 am - 12.30 pm, courtesy of Peter Hingley, RAS Librarian. Nowhere else will you get the chance to see at first hand the writings of Galileo, Copernicus, Newton, etc.

Like the Summer Barbecue, this visit is free, but we do need definite numbers well before the day. If you intend going, please advise me ( [REDACTED] ) how many will be in your party.

It has been suggested that a visit to the Royal Greenwich Observatory in the afternoon would be a nice way of rounding off a good day out, so those of you who have family not interested in

the Library may well consider letting them run free in London in the morning, and joining OASI at Greenwich in the afternoon. Please also advise me if you intend doing this.

Thursday 7 October is our very popular annual visit to the Ipswich Beer Festival at the Corn Exchange in Princes Street, Ipswich. We meet from 7 pm in the main hall, and go for a meal about 9 o'clock. Please let us know if you are thinking of joining us so we can keep a look out for you, as it gets very crowded!

Saturday 9 October is the Federation of Astronomical Societies Convention and AGM at the Institute of Astronomy, Madingley Road, Cambridge. Although we do not organise any transport for this, it is a good day out and tickets are just £5.

Our Open Weekend is on Saturday and Sunday 16 and 17 October at Orwell Park Observatory. There is always room (and jobs!) for volunteers, whether to assist in the car park, with observing, admission, or just talking to the public. Although gates are not open until 7.3pm, volunteers are welcome any time from 6 o'clock. Roy Gooding is standing by and taking names!

OASIs lecture season kicks off with Tom Boles, the person who holds the world record for most supernovae discovered. Entitled 'Discovering Supernovae - Motivation and Rewards', it is at the Museum Street Methodist Church Hall at 8 pm. If you have any questions regarding any aspect of it, please get in touch with Pete Richards.

Last but not least is the next OASI Committee Meeting on Saturday 23 October. 8 pm, also at the Museum Street Methodist Church Hall. Everybody is welcome.

We hope to see you at least one of these events; after all, OASI is *your* society.



## **New Book Collection for OASI Library**

Last month, Tim Lyster, one time editor of Astronomy Now, and now with Sky And Telescope, contacted OASI offering us the massive collection of books and magazines he and his dad have built up over the years. They were superfluous to requirements as his dad is now in his 80s and Tim and his American wife are moving to Boston, USA, with their two children, in August.

The only condition was that we needed to collect them from his home at Frinton on Sea. As luck would have it, I was going there just a few days after I received Tim's email; this we took as an omen that his collection was destined to end up with us!

Upon arrival in Frinton, the array of boxes and bags was staggering, and it took 45 minutes to load the car! Recycling enthusiasts would have approved, as many individual years of magazines were neatly packed in their own reused cardboard Fetzer wine boxes! Consequently, our library will soon be somewhat fuller to the tune of 100s of magazines and 50+ books on astronomy.

Upon arrival home, a closer perusal of the donated goodies revealed that only about a dozen books are duplicates of our existing collection, so this very munificent gesture has considerably increased the contents of OASI's library.

The books cover practically every sphere of interest to the amateur - and sometimes not so amateur - astronomer, with books on cosmology, galaxies, observing, comets, missing matter, observatory building, orreries, astronomical mathematics, light pollution, stellar structures, history of astronomy, radio astronomy, the solar system: you name it, we have it! Oh yes; there was also a 20 year old Time Out New York guide, a PG Tips book and a vegetable steamer still in its original packaging!

It will be fascinating to compare the book on 'O' Level astronomy with the one on GCSE astronomy, already held by OASI. Some gems were Cosmos and Comets by Carl Sagan and Optiks by Isaac Newton.

When the collection has been fully sorted and duplicates extracted, members of OASI can look forward to some bargain buys....

Meanwhile, OASI wishes Tim and his family all the best for their future in America, and send them our thanks for donating this lifelong collection to us.

**Tina Hammond**  
**Librarian**

## Sale of Collectable Astronomy Magazines

*by Tina Hammond*

OASI subscribes to many astronomical magazines which are available for members to read when they visit the Observatory; therefore some items in the Lyster Collection are duplicates and are offered here for any member who wishes to obtain back issues they have missed or which represent a period which is of special interest to them.

They are being sold by year (January to December), for just £5 for 12 issues, with most magazines still in the cellophane postage wrap. Please contact me advising which year(s) you would like, and a convenient time to collect them.

|               |      |                    |
|---------------|------|--------------------|
| Astronomy Now | 1988 | Bound in AN Folder |
| Astronomy Now | 1989 | Bound in AN Folder |
| Astronomy Now | 1990 | Bound in AN Folder |
| Astronomy Now | 1991 | Bound in AN Folder |
| Astronomy Now | 1992 |                    |
| Astronomy Now | 1993 |                    |
| Astronomy Now | 1995 |                    |
| Astronomy Now | 1996 |                    |
| Astronomy Now | 2002 |                    |
| Astronomy Now | 2003 |                    |
| Astronomy Now | 2005 |                    |
| Astronomy Now | 2006 |                    |

|               |      |
|---------------|------|
| Astronomy Now | 2007 |
| Astronomy Now | 2008 |
| Astronomy     | 1984 |
| Astronomy     | 1987 |
| Astronomy     | 1988 |

### **Thomas Hariot Cartoon**

On the front cover of this issue you will see an extract from a very bright and amusing cartoon of Thomas Hariot by that brilliantly funny cartoonist, Hunt Emerson, whose CV includes everything from Ratz to Firkin The Cat, and Little Plum to Lady Chatterley (and other things besides!). This was first published in the Fortean Times of July 2009 to celebrate the 400<sup>th</sup> anniversary of Hariot turning his telescope to the skies (thus beating Galileo by six months), and we thank Hunt, Kevin Jackson and the Fortean Times for their kind permission to reproduce it.

Depicting this man who is unknown to the populace at large, the cartoon tells the true story behind the life and times of Hariot - including his friendship with Sir Walter Raleigh, which was related so well by Dr Allan Chapman in his Presidential lecture to OASI just a few months ago - and can be seen in all its glorious colour on the wall of the Belvedere in Orwell Park Observatory.

So if you want to see it - you know where to go!

# OASI Committee Contacts & Responsibilities

|                      |           |   |  |  |
|----------------------|-----------|---|--|--|
| Neil Morley          | Chairman  | ☎ |  | Chair committee meetings.<br>Represent OASI to external bodies.                      |
| Roy Gooding          | Secretary | ☎ |  | Respond to enquiries.<br>Press & publicity.<br>Observatory decoration.<br>Open days. |
| Paul Whiting<br>FRAS | Treasurer | ☎ |  | Finance.<br>Visits by outside groups.  |
| James Appleton       | Committee | ☎ |  | Minutes of committee meetings.<br>Web site.  |
| Bill Barton<br>FRAS  | Committee | ☎ |  | Safety & security.   |
| Martin Cook          | Committee | ☎ |  | Membership.<br>Tomline Refractor maintenance.  |
| Tina Hammond         | Committee | ☎ |  | Librarian.   |
| Peter Richards       | Committee | ☎ |  | Lecture meetings.<br>Email distribution lists.                                       |
| Eric Sims            | Committee | ☎ |  | Newsletter.  |
| John Wainwright      | Committee | ☎ |  | Equipment curator.   |
| Mike Whybray         | Committee | ☎ |  | Workshops.   |

## Trustees

Mr Roy Adams  
Mr David Brown  
Mr David Payne

## Honorary President

Dr Allan Chapman D.Phil MA FRAS



## DIARY for AUGUST - SEPTEMBER

|  |   |
|--|---|
| <b>Monday</b><br>STONs   | <b>SMALL TELESCOPES OBSERVING NIGHTS AT THE OBSERVATORY</b><br>Will resume in October.<br>Main observing targets:<br><br>☎ Paddy O'Sullivan [REDACTED]<br>☎ Gerry Pilling [REDACTED]                              |
| <b>Wednesdays</b><br>From 8.00pm                                     | <b>OBSERVATORY CLUB NIGHTS</b><br>Observing with the Tomline Refractor and other telescopes if skies are clear.<br><br>☎ Martin Cook [REDACTED], mobile [REDACTED]<br>☎ Roy Gooding [REDACTED], mobile [REDACTED] |
| <b>Wednesday</b><br><br>Doors open 7.30pm,<br>workshop starts 7.45pm | <b>OASI WORKSHOP</b><br>Nacton village Hall.<br>If you are interested in presenting a Workshop, please contact Mike Whybray.<br><br>☎ Mike Whybray [REDACTED]   |
| <b>Thursday</b>  | <b>OBSERVATORY VISITS BY LOCAL COMMUNITY GROUP</b><br>Will resume in September.<br><br>☎ Paul Whiting FRAS [REDACTED]   |
| <b>Saturday 23rd</b><br><b>October @ 8.00pm</b>                      | <b>COMMITTEE MEETING</b><br><b>Methodist Church Hall, Blackhorse Lane,</b><br><b>Ipswich</b>  |

### New members Evening.

#### Thursday 26<sup>th</sup> August 8.00pm

An evening has been arranged for new members to get acquainted with the observatory and meet some of the older members.

Contact Martin Cook on [REDACTED]

### Society Contact Details

Observatory tel. no. (meeting nights only): [REDACTED]

Secretary: Roy Gooding [REDACTED] (day) [REDACTED] (evening)

E-mail queries: [ipswich@ast.cam.ac.uk](mailto:ipswich@ast.cam.ac.uk)

Chairman: Neil Morley [REDACTED]