

What's Up?

2025 June 23 to July 28

Bill Barton, FRAS



Date: Saturday 19th July 2025
Time: 1pm to 8pm ish* Setting up from 12 midday
Venue: Newbourne Village Hall

Mill Road
Newbourne
WOODBIDGE
Suffolk
IP12 4NP

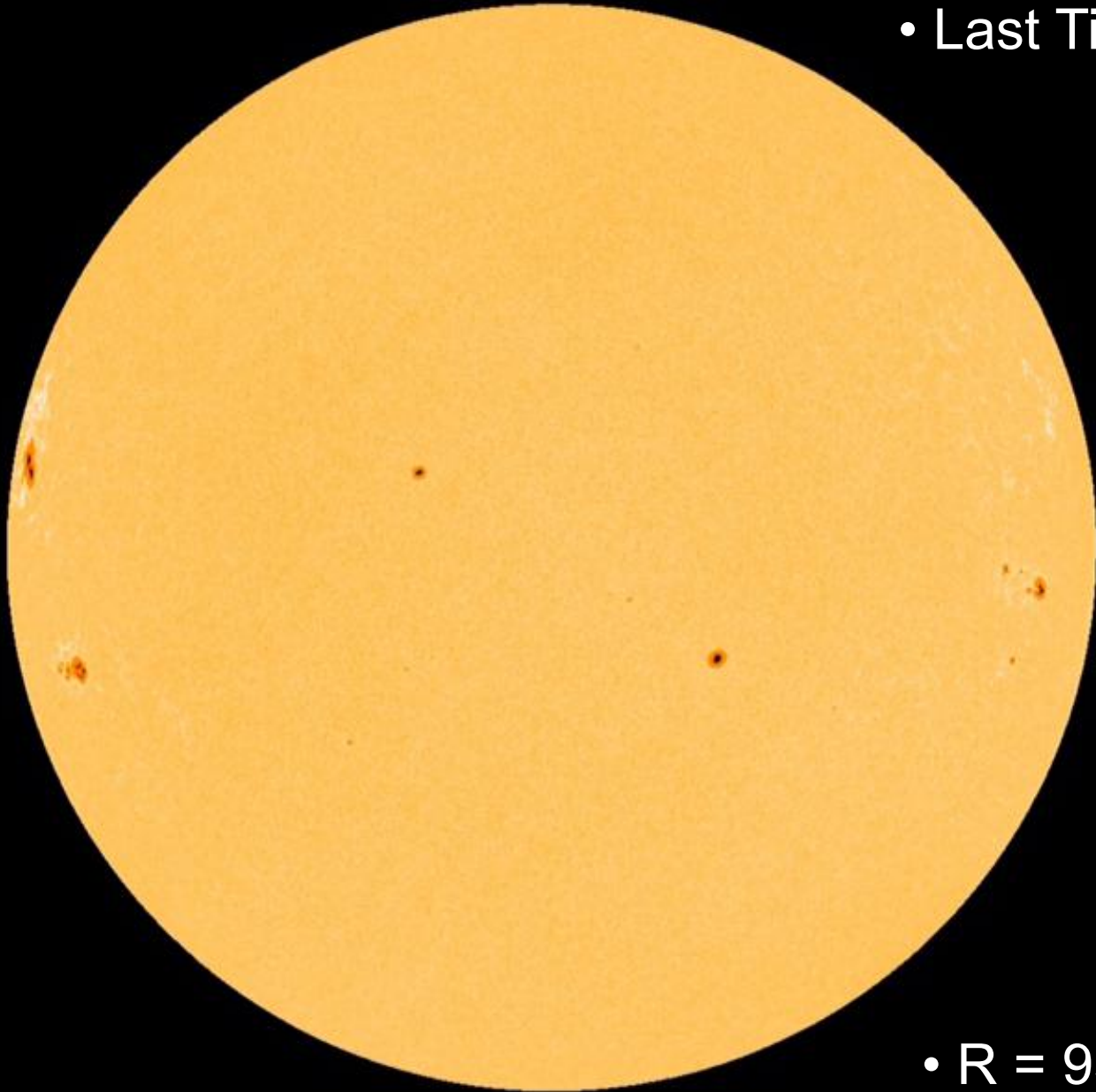
OASI members and their family and friends are all invited.

If skies are clear the club's telescopes will be available for observations - or bring your own.

Bring your own picnic food and drink and chairs and mats etc. Note that there will be no barbecue this year but you can bring your own portable barbecue to cook your own food.

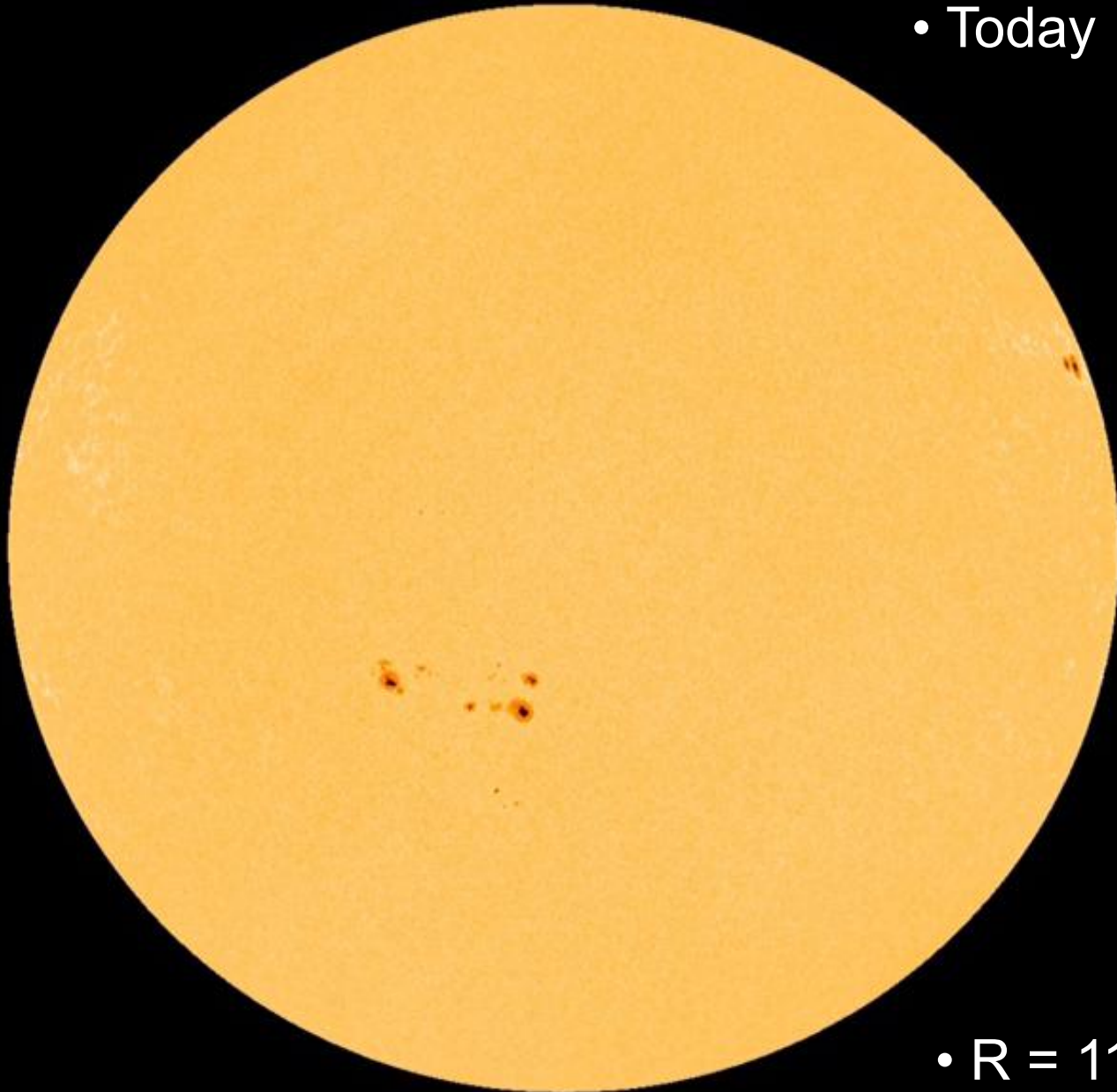
*** Possibly later for night time observing if there is sufficient demand**

• Last Time



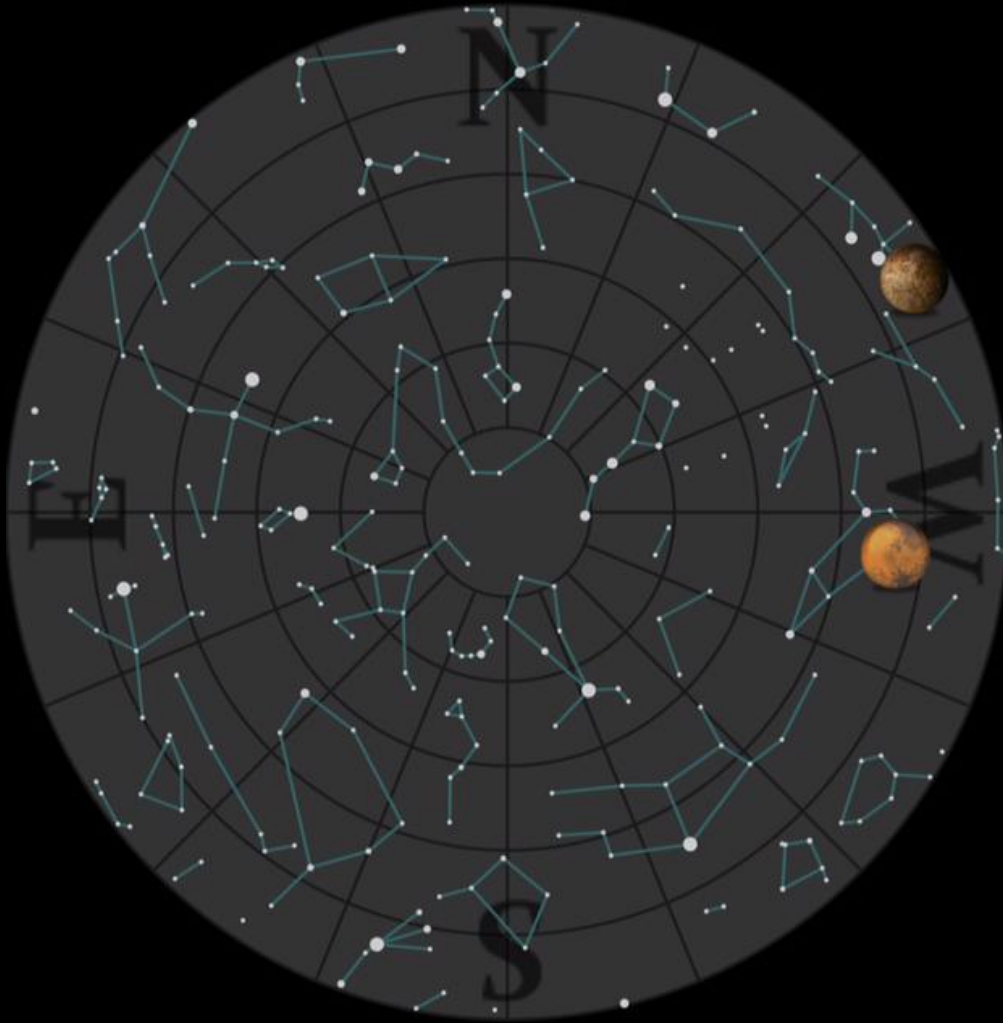
• $R = 93$

• Today

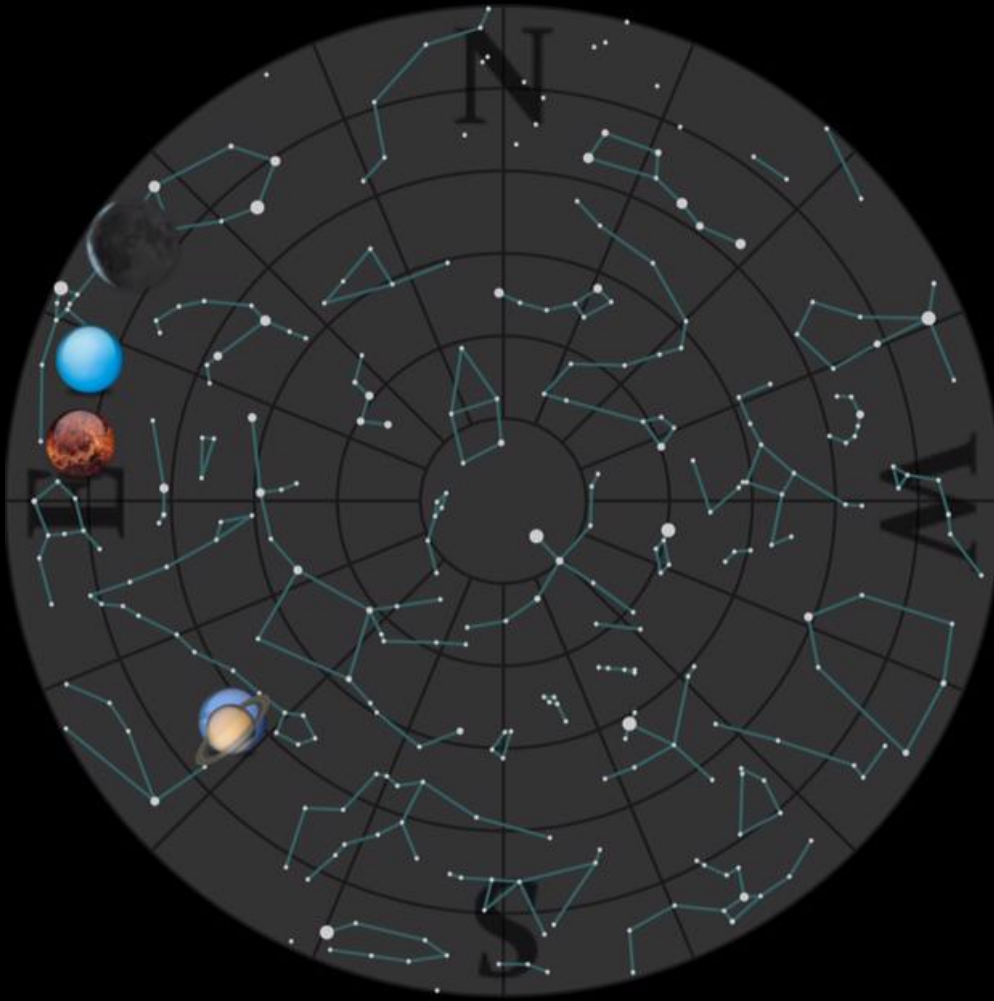


• $R = 113$

- The Sky 22:00
Tonight



- The Sky 04:00
Tomorrow



Inner Solar System

- Sun
 - Declination decreasing
 - Last sunspot min., Apr. 2020, max., now?
- Mercury
 - In the evening sky with greatest elongation on July 04 (26°), currently 23° , 0 mag
 - Inferior conjunction July 31
 - Today, rise 06:20, transit 14:30, set 22:45
- Venus
 - In the morning sky, greatest elongation May 31, (46°) currently 44°
 - Superior conjunction January 06, 2026
 - today, rise 02:25, transit 09:50, set 17:10

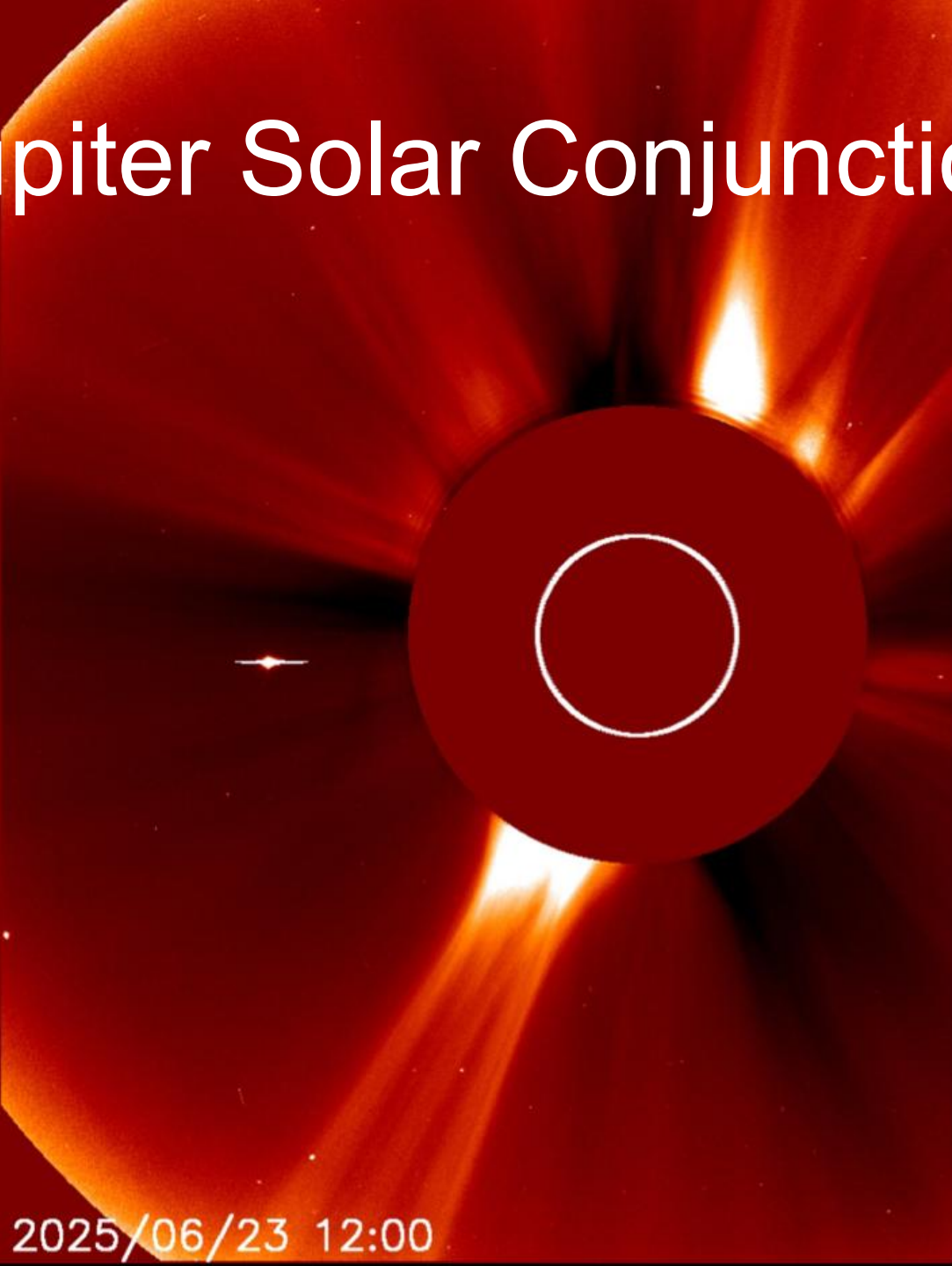
Earth

- Time
 - 00:00UT $\approx$ 18:00ST today
 - Today, sunrise 04:30, transit 12:55, sunset 21:20
 - End of period, sunrise 05:10, transit 13:00, sunset 20:50
 - Aphelion, July 03
- Moon
 -  New, 25, July 24
 -  First Quarter, July 2
 -  Full, July 10 ('Hay or Thunder' Moon)
 -  Last Quarter, July 18
- Meteors
 - Perseids, July 17 - August 24, peak August 12, ZHR 80+

Outer Solar System

- Mars
 - Conjunction January 09, 2026. Today, rise 10:00, transit 17:00, set 00:00
- Jupiter
 - Conjunction June 24 (tomorrow). Today, rise 04:40, transit 13:00, set 21:15
- Saturn
 - Opposition September 21. Today, rise 01:00, transit 06:50, set 12:45
- Uranus
 - Opposition November 21. Today, rise 02:40, transit 10:30, set 18:30
- Neptune
 - Opposition September 23. Today, rise 00:50, transit 06:50, set 12:50

Jupiter Solar Conjunction



2025/06/23 12:00

Tomorrow

OASI Events I

- Saturday July 19, from 13:00
 - Summer Picnic, here
- Monday July 21, from 20:00
 - ‘Citizen Science and Radio Jove: the Science and Instrumentation for a Radio Exploration of Jupiter’, a recorded Zoom presentation by Chuck Higgins
- Friday July 25
 - Latitude Festival, Henham Park

HENHAM PARK, SUFFOLK **Klarna** PRESENTS 24 - 27 JULY 2025

LATITUDE

THE COSMIC SHAMBLES FOREST OF SCIENCE & CULTURE

The Apollo Stage

KEVIN FONG TANITA TIKARAM REGGIE WATTS DAVID MCALMONT
 CAMILLA PANG ERICA MCALISTER NIKESH SHUKLA SUZU KUNDU SUZI GAGE
 SUBHADRA DAS JOANNA NEARY PRAGYA AGARWAL JESS FRENCH
 REBECCA ACHIENG AJULU-BUSHELL LUCIA OSBORNE-CROWLEY LEWIS HANCOX
 VANESSA RUCK STEVE PRETTY DAVID HO TRENT BURTON
 LORI HOPKINS MAMA G ANJANA KHATWA GINA RIPPON JEN GUPTA
 TAMSIN EDWARDS ELIZABETH BLACK DEAN BURNETT JOHN-LUKE ROBERTS
 KWAME ASANTE GEORGE DRANSFIELD JAX LEONARD RACHEL TAYLOR-BEALES

Museum Street

ROYAL MUSEUMS GREENWICH NATIONAL PHYSICAL LABORATORY
 THE CRAB MUSEUM GREENPOWER THE CENTRE FOR COMPUTING HISTORY
 STARGAZING WITH THE ORWELL ASTRONOMICAL SOCIETY

The Shambles Documentary Club

RAPID MOTION THROUGH SPACE: AN INCOMPLETE HISTORY OF SPEED (2023)
 CURIOUS PEOPLE: AN INCOMPLETE HISTORY OF NINE LESSONS AND COMPENDIUM (2024)
 THE ORIGINS OF A BIBLIOMANIAC (2024)

The Uncanny Film Club

PICNIC AT HANGING ROCK (1975) DEAD OF NIGHT (1945)
 THE DAY THE EARTH CAUGHT FIRE (1961)

A new home for the curiously entertaining and the entertainingly curious
 More than a MUSIC COMEDY THEATRE DANCE POETRY
 LITERATURE FAMILY FOOD WELLNESS PODCAST SCIENCE festival

Tickets on sale now

OASI Events II

- Advance Notices
- Monday July 14
 - Earlier start 7:00pm
- Wednesdays August 6 and 20
 - No access to Orwell Park due to residential summer schools
 - Meet here instead (outside only, or the Fox)
- Monday August 11
 - Meteor watch here?
 - No equipment required!

Local Societies Events

- DASH (Darsham Village Hall, 7:00pm, Sundays)
 - July 26, Bramfield Village Fete
- SAS (Cavendish Memorial Hall, 7:30pm, Tuesdays)
 - nothing until September
- AAA (Whepstead Village Hall, 7:30pm, Wednesdays)
 - June 25, Observe the Sun
 - July 09, Introduction to Practical Astronomy
 - July 23, Active Galactic Nuclei & Quasars
- DAG (Diss)
 - Informal on FaceBook & WhatsApp

National Event

- Webb Society - Annual Meeting
 - Saturday June 28, 09:30-17:30
 - Institute of Astronomy, Cambridge
 - AGM
 - 'Visual Observation of the Deep Sky - A Personal Perspective', Adrian Orr
 - 'Hubble and the Cepheids', Nick Hewitt
 - 'Easy, Affordable, Addictive. Electronically Assisted Astronomy', Tony Booer
 - 'Interstellarum Deep Sky Atlas & Guide', Ronald Stoyan
 - 'Wolf-Rayet Stars', Prof Paul Crowther
 - entry fee applies