

A Global History of Eclipse Reckoning

Monday 18 – Friday 22 November 2024

The programme is subject to change. All timings are Greenwich Mean Time (GMT).

MONDAY 18 NOVEMBER 2024: EXPEDITIONS AND EMPIRES	
09.00 - 09.30	Registration and Refreshments
09.30 - 09.40	Welcome and Housekeeping
09.40 - 10.30	Ana Simões , CIUHCT, FCUL, Universtiy of Lisbon <i>Towards a global history of the 1919 total solar eclipse</i>
10.30 - 11.15	E3 team <i>An eclipse on paper</i>
11.15 - 11.45	Refreshments
11.45 - 12.15	Joel Beckles , University of St Andrews <i>Contributions Eclipsed by History: The British Eclipse Expeditions of 1889</i>
12.15 - 12.45	Yansong Li , University of St Andrews <i>"Responsibility for this falls only on us": Chinese observations of the 1941 total solar eclipse</i>
12.45 - 14.15	Lunch
14.15 - 15.00	Deborah Kent , University of St Andrews <i>Towards a global history of the 1860 total solar eclipse</i>
15.00 - 15.45	Daniel Belteki , Science Museum <i>The whip of the Sun: the rhetoric of science and government-funding deployed during the organisation of the British expedition to view the solar eclipse of 1860 in Spain</i>
15.45 - 16.00	Refreshments
16.00 - 16.45	Ileana Chinnici , INAF-Osservatorio Astronomico di Palermo <i>The 1860 Total Solar Eclipse</i>
16.45 - 18.00	Welcome Reception, hosted at ICMS

TUESDAY 19 NOVEMBER 2024: OBSERVING AND RECORDING	
09.30 - 10.15	Florence Hsia , University of Wisconsin-Madison <i>Reading eclipse reports from the Middle Kingdom</i>
10.15 - 11.00	Jesse Garrison , University College London <i>First British eclipse expeditions</i>
11.00 - 11.30	Refreshments
11.30 - 12.15	Toner Stevenson , The University of Sydney <i>How Einstein's theory of general relativity was proven in Australia in 1922</i>
12.15 - 13.30	Lunch
13.30 - 14.15	Eun-Joo Ahn , Yale University <i>Daily Solar Observations at Mount Wilson Observatory and Solar Eclipse Expeditions: shaping each other in the early twentieth century</i>
14.15 - 15.00	Megan Briers , Max Planck Institute for the History of Science <i>"The aspect of things was the most fearful that I ever saw": Emotions and Victorian eclipse observations</i>
15.00 - 15.30	Refreshments
15.30 - 16.15	Hugh Hudson , University of Glasgow <i>Solar Oblateness and SunSketcher</i>
18.00 - 19.30	Public lecture by Ana Matilde Sousa , FBAUL - Faculty of Fine Arts of the University of Lisbon <i>Einstein, Eddington and the Eclipse. Travel impressions</i>

WEDNESDAY 20 NOVEMBER 2024: MEASUREMENT AND INSTRUMENTATION	
09.30 - 10.15	Katharina Bick , Universität Regensburg <i>Numbers and Shapes. Examining photographs of the solar corona at the occasion of the total solar eclipse of 30 Aug 1905</i>
10.15 - 11.00	Matthieu Husson , CNRS and Clément Cartier , Université Paris Cité <i>Diagrammatic approaches to eclipses in 13th-15th Latin sources</i>
11.00 - 11.30	Refreshments
11.30 - 12.15	Clemency Montelle , University of Canterbury <i>The Parvadvayasādhana of Mallāri: A sixteenth-century Sanskrit table text to compute eclipses</i>
12.15	Lunch and Free Afternoon See organisers for details of the following tours; <ul style="list-style-type: none"> • Royal Observatory Edinburgh - 13.00 • National Museum of Scotland - 15.00

THURSDAY 21 NOVEMBER 2024: COMPUTATIONAL PROCEDURES AND ALGORITHMS	
09.30 - 10.15	Aditya Kolachana , Indian Institute of Technology Madras (IIT–Madras) <i>An overview of the syzygy and lunar eclipse computations in the Uparāgakriyākrama of Acyuta Piṣāraṭi</i>
10.15 - 11.00	Varun Mandadi , Indian Institute of Technology Bombay (IIT Bombay) <i>An Overview of Eclipse Calculation Methods in Tantrasaṅgraha of Nīlakaṇṭha Somayāji</i>
11.00 - 11.30	Refreshments
11.30 - 12.15	Michael Zeiler , EclipseAtlas.com <i>The integration of spatial and temporal information in historical eclipse maps</i>
12.15 - 13.00	Dan McGlaun , Eclipse2024.org <i>A tour of the modern history of eclipse calculations, including the current state of the art and a look ahead to future developments.</i>
13.00 - 14.00	Lunch
14.00 - 14.45	David Aubin , Sorbonne University <i>Emmanuel Liais, Jules Janssen, Camille Flammarion and the popularization of eclipses in 19th-century France</i>
14.45 - 17.00	Collaboration Time , HoST co-authors (<i>refreshments available</i>)
19.00 - 22.00	Workshop Dinner, hosted at The Brasserie (within The Scholar hotel on UoE Pollock Estate) <i>The Scholar - 18 Holyrood Park Road, Edinburgh EH16 5AY</i>

FRIDAY 22 NOVEMBER 2024: RESEARCH OUTPUTS AND OUTREACH	
09.30 - 10.00	Emma Baxter , University of Oxford <i>'From the hand of a lady': Code-Switching in Agnes Clerke's Astronomy Publications</i>
10.00 - 10.45	Jambugahapitiye Dhammaloka , University of Peradeniya <i>Śrīpati's Versified Instructions on the Schematization of Lunar Eclipses</i>
10.45 - 11.15	Refreshments
11.15 - 13.00	E3 Workshop <i>Outreach and how to do it</i>
13.00	Lunch and End of Workshop