

	<u>Sir Stanley Thomas, CSL</u>	<u>Physiology A, C/0.07</u>	<u>Physiology B, C/-1.04</u>	<u>John Pryde C/-1.01</u>	<u>Anatomy, E/0.09</u>	<u>Shared LT, E/1.21</u>
Monday (3rd July)						
09:00 - 10:30	Origins of Galaxies: from the Dark Ages to Cosmic Noon (A)	Waves and instabilities in the solar atmosphere in the high-resolution era	The Future of Nuclear Astrophysics in the Multi-messenger Era (A)	The Dark Energy Survey: new results	e-MERLIN and SKA pathfinders: preparing UK early-career researchers for science with SKA	Gaia Data Release 3: Contents, Access, Science and a look ahead to future data releases. (A)
10:30 - 11:00	Coffee					
11:00 - 11:15	Opening Ceremony					
11:15 - 12:00	Plenary (<i>Sandro Tacchella</i>)					
12:00 - 12:45	Plenary (<i>Erminia Calabrese</i>)					
12:45 - 13:15	Lunch					
13:15 - 14:15	Lunch Sessions					
14:15 - 15:45	Origins of Galaxies: from the Dark Ages to Cosmic Noon (B)	Numerical and observational analysis of dynamical processes in solar active regions	The Future of Nuclear Astrophysics in the Multi-messenger Era (B)	Careers panel for Early Career Researchers	Observational and theoretical studies of protoplanetary discs (A)	Gaia Data Release 3: Contents, Access, Science and a look ahead to future data releases. (B)
15:45 - 16:15	Coffee					
16:15 - 17:45	Origins of Galaxies: from the Dark Ages to Cosmic Noon (C)	Computational physics and methods for forecasting the Sun-Earth system	Explosive and high energy transients: A new era of discovery (A)	Unveiling cosmic origins with the CMB	Observational and theoretical studies of protoplanetary discs (B)	Deep and Shallow learning in the era of large galaxy surveys and simulations (A)
Tuesday (4th July)						
09:00 - 10:30	Origins of Galaxies: from the Dark Ages to Cosmic Noon (D)	The future of X-ray astronomy in the UK	Explosive and high energy transients: A new era of discovery (B)	EDI in Astronomy and Geophysics (A)	The resolved view of the molecular gas in galaxies	Deep and Shallow learning in the era of large galaxy surveys and simulations (B)
10:30 - 11:00	Coffee					
11:00 - 12:30	Origins of Galaxies: from the Dark Ages to Cosmic Noon (E)	The Solar Origins of the Heliosphere	Explosive and high energy transients: A new era of discovery (C)	EDI in Astronomy and Geophysics (B)	The Origin of the Accretion Power of Compact Objects (A)	Deep and Shallow learning in the era of large galaxy surveys and simulations (C)
12:30 - 13:00	Lunch					
13:00 - 14:00	Lunch Sessions					
14:00 - 14:45	Plenary (<i>Rowan Smith</i>)					
14:45 - 15:30	Plenary (<i>Richard Mushotzky</i>)					
15:30 - 16:00	Coffee					
16:00 - 17:30	Origins of Galaxies: from the Dark Ages to Cosmic Noon (F)	UK Solar Physics Open Session (A)	The DESI spectroscopic survey: updates and new results	Understanding and mitigating stellar activity in radial velocity surveys	The Origin of the Accretion Power of Compact Objects (B)	Star formation across the Milky Way (A)

**Wednesday
(5th July)**

09:00 - 10:30	Pathways towards sustainability and net zero for UK astronomy	UK Solar Physics Open Session (B)	Gas in and around galaxies: the imprint of cosmological accretion and ISM processes (A)	Euclid science exploitation in the UK (A)	Direct imaging as a tool to constraint the fundamental parameters of young Jupiters	Star formation across the Milky Way (B)
10:30 - 11:00	Coffee					
11:00 - 11:45	Plenary (Hannah Wakeford)					
11:45 - 12:30	Plenary (Tana Joseph & Peter Coles)					
12:30 - 13:00	Lunch					
13:00 - 14:00	Poster Viewing					
14:00 - 16:00	Community Session					
16:00 - 16:30	Coffee					
16:30 - 18:00	Gravitational Waves: From compact-object mergers to the origins of the early universe (A)	The dynamics of solar jets and associated eruptions	Gas in and around galaxies: the imprint of cosmological accretion and ISM processes (B)	Euclid science exploitation in the UK (B)	Magnetised stars and planets: combining theory and observations	Star formation across the Milky Way (C)

Thursday (6th July)

09:00 - 10:30	Gravitational Waves: From compact-object mergers to the origins of the early universe (B)	Prominences and Coronal Rain: formation, evolution, and energy transport	10 Years after Herschel: The achievements and future of Far-IR & Submm astronomy (A)	Engaging the public with Astronomy - Public Engagement, Outreach, Education and Widening Participation (A)	UK astronomy at the La Palma observatory: a new generation of facilities and instruments	Star formation across the Milky Way (D)
10:30 - 11:00	Coffee					
11:00 - 12:30	Gravitational Waves: From compact-object mergers to the origins of the early universe (C)	AGN demographics and evolution in the era of large-scale surveys (A)	10 Years after Herschel: The achievements and future of Far-IR & Submm astronomy (B)	Engaging the public with Astronomy - Public Engagement, Outreach, Education and Widening Participation (B)	Discovery in Astronomy and Space Physics enabled by large-scale Digital Research Infrastructures (ASTROCOMP)	Star formation across the Milky Way (E)
12:30 - 13:00	Lunch					
13:00 - 14:00	Lunch Sessions					
14:00 - 14:45	Plenary (Gavin Dalton)					
14:45 - 15:30	Plenary (Andy Rivkin)					
15:30 - 16:00	Coffee					
16:00 - 17:30	Gravitational Waves: From compact-object mergers to the origins of the early universe (D)	21cm Cosmology: Current Status, Challenges and Prospects	Probing dark matter and baryons with galaxy clusters	UK involvement in the Vera C. Rubin Observatory, Legacy Survey of Space and Time (A)	Astronomy, the Arts and beyond	Star formation across the Milky Way (F)

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Friday (7th July)						
09:00 - 10:30	Gravitational Waves: From compact-object mergers to the origins of the early universe (E)	Astrophysical Simulations: Keeping up with the Frontier (A)	AGN demographics and evolution in the era of large-scale surveys (B)	UK involvement in the Vera C. Rubin Observatory: Legacy Survey of Space and Time (B)	Turbulence and shocks in heliospheric and astrophysical plasmas	Galactic Archaeology with old stellar populations (A)
10:30 - 11:00	Coffee					
11:00 - 11:45	Plenary (<i>Payal Das</i>)					
11:45 - 12:30	Plenary (<i>Antoine Strugarek</i>)					
11:00 - 11:15	Closing Ceremony					
12:45 - 13:15	Lunch					
13:15 - 14:15	Lunch Sessions					
14:15 - 15:45	Gravitational Waves: From compact-object mergers to the origins of the early universe (F)	Astrophysical Simulations: Keeping up with the Frontier (B)	AGN demographics and evolution in the era of large-scale surveys (C)	UK involvement in the Vera C. Rubin Observatory: Legacy Survey of Space and Time (C)	Open questions in stellar (radiation-) fluid dynamics: from dwarfs to giants	Galactic Archaeology with old stellar populations (B)

Parallel Sessions Key:

Galaxies
Our Galaxy
Cosmology
Planets/Stellar
Solar
Techniques
Professional
Facilities
Transients

Opening and closing ceremonies, Plenaries, and the Community session, will take place in the CSL Sir Stanley Thomas Lecture Theatre. Coffee Breaks and Lunch will be served in multiple floors across the common area of the CSL building. Posters (and the Poster session) will be on the 2nd floor of the common area of the CSL.

The programme of lunch sessions is listed below (full details are given in the nam2023.org website):

Monday 3rd July:

RAS ECN Early Career Lunch and Town Hall [Sir Martin Evans - Anatomy, E/0.09]
 Light pollution: time to act [Sir Martin Evans - Physiology A, C/0.07]
 UK Solar Physics Business Session [CSL - Dual Room 2.25-2.26]

Tuesday 4th July:

Creating a UK-led High-resolution Stabilised Spectroscopy Telescope Network [CSL - Dual Room 1.26-1.27]
 FAIR publication in RAS journals lunch [CSL - Dual Room 2.25-2.26]
 RAS Diversity Lunch [CSL - Sir Stanley Thomas]

Thursday 6th July:

Writing & Reviewing - a journal publishing workshop [CSL - Dual Room 2.25-2.26]
 RAS Outreach and Engagement Lunch [CSL - Sir Stanley Thomas]
 New Robotic Telescope Community Lunch [Sir Martin Evans - Anatomy, E/0.09]
 Astronomy, the Arts and beyond - Round Table [CSL - Dual Room 1.26-1.27]

Friday 7th July:

Careers and Diversity in research software engineering [CSL - Dual Room 2.25-2.26]
 Getting your work into the news: how to communicate through the media [CSL - Dual Room 1.26-1.27]