

| Area | Session | Name | Title | abstract ID | PB Allocations |
|-------------|---|------------------------------------|--|-------------|----------------|
| Cosmo & LSS | #70 : The Golden Era of Gravitational Lensing: from Micro to Macro | Alex Saoulis | Transfer learning for accelerating cosmological inference | 647 | F2PB1a |
| Cosmo & LSS | #73 : A multi-scale and multi-tracer view of the cosmic web | Alfie Russell | Stacking galaxy groups to understand their dynamical properties | 977 | F2PB1a |
| Cosmo & LSS | #73 : A multi-scale and multi-tracer view of the cosmic web | Barry Ginat | Gravitational Turbulence: the Small-Scale Limit of the Cold-Dark-Matter Power Spectrum | 428 | F2PB1a |
| Cosmo & LSS | #73 : A multi-scale and multi-tracer view of the cosmic web | Beth McCarthy Gould | Multi-scale and multi-tracer 1-point statistics | 245 | F2PB1a |
| Cosmo & LSS | #73 : A multi-scale and multi-tracer view of the cosmic web | Bruno Bizarria | Testing isotropy with 21cm IM – an estimator for the homogeneity scale | 812 | F2PB1a |
| Cosmo & LSS | #70 : The Golden Era of Gravitational Lensing: from Micro to Macro | Caio Goolsby | Strong Lensing and the High Redshift Universe | 995 | F2PB1a |
| Cosmo & LSS | #73 : A multi-scale and multi-tracer view of the cosmic web | David O’Ryan | Mapping Galaxy Morphology Across Dense Galactic Environments | 822 | F2PB1a |
| Cosmo & LSS | #73 : A multi-scale and multi-tracer view of the cosmic web | Dhavalai sai Srinivas | Studying AGN-galaxy-halo connection. | 925 | F2PB1a |
| Cosmo & LSS | #13 : Theoretical and observational approaches to the Hubble tension | Enrico Specogna | Testing Modified Gravity in Cosmology: a few Phenomenological and Theory-Specific Study Cases | 162 | F2PB1a |
| Cosmo & LSS | #23 : Galactic Foregrounds at Low Frequencies and CMB Cosmology: Current Challenges and Opportunities | Ian Browne | L-BASS; an instrument to make an absolutely calibrated map of the sky at 21 cm. | 815 | F2PB1a |
| Cosmo & LSS | #73 : A multi-scale and multi-tracer view of the cosmic web | Jamie Incley | Tracing cosmic structure post-reionization with neutral hydrogen | 174 | F2PB1a |
| Cosmo & LSS | #73 : A multi-scale and multi-tracer view of the cosmic web | Jessica Craig | The Evolution of Galaxy Clusters Behind the Small Magellanic Cloud Across Cosmic Time | 889 | F2PB1a |
| Cosmo & LSS | #73 : A multi-scale and multi-tracer view of the cosmic web | Jinzhi Shen | Properties of filaments traced by galaxies, gas, and dark matter in TNG50-1 simulation | 511 | F2PB1a |
| Cosmo & LSS | #13 : Theoretical and observational approaches to the Hubble tension | Jonah Conley | Predicting non-linear effects in matter clustering from changes in cosmology and baryons using multi-fidelity simulations. | 414 | F2PB1a |
| Cosmo & LSS | #23 : Galactic Foregrounds at Low Frequencies and CMB Cosmology: Current Challenges and Opportunities | Jordan Norris | RHINO - Observing the Cosmic Dawn with a Large Horn | 258 | F2PB1a |
| Cosmo & LSS | #13 : Theoretical and observational approaches to the Hubble tension | Jose Antonio Najera | Testing the consistency of redshift-independent extragalactic distances | 146 | F2PB1a |
| Cosmo & LSS | #73 : A multi-scale and multi-tracer view of the cosmic web | Kai Wang | Dissecting two-halo galactic conformity effect for central galaxies | 176 | F2PB1a |
| Cosmo & LSS | #70 : The Golden Era of Gravitational Lensing: from Micro to Macro | Kassidy Kollmann | Detecting subhalos with very steep inner-dens | 730 | F2PB1a |
| Cosmo & LSS | #23 : Galactic Foregrounds at Low Frequencies and CMB Cosmology: Current Challenges and Opportunities | Katrine Alice Glasscock | Exploring the Radio Synchrotron Background excess through Bayesian modelling of the diffuse radio sky | 322 | F2PB1a |
| Cosmo & LSS | #70 : The Golden Era of Gravitational Lensing: from Micro to Macro | Keir Rogers | Galaxy weak lensing as a probe of the nature of dark matter | 994 | F2PB1a |
| Cosmo & LSS | #23 : Galactic Foregrounds at Low Frequencies and CMB Cosmology: Current Challenges and Opportunities | Mali Land-Strykowski | Cosmic Dipole Tensions: Confronting Planck, NVSS, RACS and CatWISE | 219 | F2PB1a |
| Cosmo & LSS | #73 : A multi-scale and multi-tracer view of the cosmic web | Maximilian von Wietersheim-Kramsta | Forward-modelling the galaxy-halo connection | 675 | F2PB1a |
| Cosmo & LSS | #73 : A multi-scale and multi-tracer view of the cosmic web | Mihir Bhatnagar | Constraining Primordial Non-Gaussianity: Analysis of the Relativistic Galaxy Bispectrum with Euclid and SKA | 110 | F2PB1a |
| Cosmo & LSS | #23 : Galactic Foregrounds at Low Frequencies and CMB Cosmology: Current Challenges and Opportunities | Nastassia Raffy | Gibbs Sampling the Cosmic Dawn: A Bayesian Approach to Redshift-Binned 21 cm Inference | 851 | F2PB1a |
| Cosmo & LSS | #73 : A multi-scale and multi-tracer view of the cosmic web | Sachinvelu Sentheil | Investigation of pressure profiles of ellipsoidal clusters from the MACSIS simulations using the gNFW model | 886 | F2PB1a |
| Cosmo & LSS | #13 : Theoretical and observational approaches to the Hubble tension | Thomas Hughes | Assessment of the Hubble tension via Bayesian jackknife testing | 208 | F2PB1a |
| Cosmo & LSS | #13 : Theoretical and observational approaches to the Hubble tension | Tom Shanks | The Local Hole as a solution to the Hubble Tension | 622 | F2PB1a |
| Cosmo & LSS | #23 : Galactic Foregrounds at Low Frequencies and CMB Cosmology: Current Challenges and Opportunities | Vasundhara Shaw | Comparison of GMF models with C-BASS data | 438 | F2PB1a |

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| Cosmo & LSS | #70 : The Golden Era of Gravitational Lensing: from Micro to Macro | Yunhao Zhang | Automatically Differentiable GPU-Accelerated Computation for Lensing Angular Power Spectra via Tensorised Analytic Framework | 400 | F0PB1a |
| Engagement | #85 : Crossing Boundaries: The benefits of ArtScience for contemporary astronomy research | Dickie Wilkinson | Covid, Carlos Frenk & Cardiff NAM2023 (Plus I might throw in the Kitchen Sink). | 857 | F0PB2a |
| Engagement | #85 : Crossing Boundaries: The benefits of ArtScience for contemporary astronomy research | Eleanor Macdonald | From STEM to Stars Phase 3 | 136 | F0PB2a |
| Engagement | #85 : Crossing Boundaries: The benefits of ArtScience for contemporary astronomy research | Iris Long | Touch the Universe: An Experiment in Bridging Art and Astronomy | 745 | F0PB2a |
| Engagement | #85 : Crossing Boundaries: The benefits of ArtScience for contemporary astronomy research | John Paice | What's your NEW sign? Re-imagining the Zodiac in X-ray Light | 243 | F0PB2a |
| Engagement | #85 : Crossing Boundaries: The benefits of ArtScience for contemporary astronomy research | Lucinda Offer | Astronomy through the Herschels: Inspiring Inclusion through Science and Storytelling | 913 | F0PB2a |
| Engagement | #57 : Engaging the public with astronomy: what really works? | Lucinda Offer | Unlocking the Stars: Astronomy Education in the UK | 972 | F0PB2a |
| Engagement | #57 : Engaging the public with astronomy: what really works? | Mélissa Azombo | Science Communication with Intent | 354 | F0PB2a |
| Engagement | #57 : Engaging the public with astronomy: what really works? | Mélissa Azombo | Phases of The Partial Solar Eclipse, 29 March 2025, UK | 721 | F0PB2a |
| Engagement | #85 : Crossing Boundaries: The benefits of ArtScience for contemporary astronomy research | Rhys Taylor | FRELLED : An artistic approach to radio astronomy | 376 | F0PB2a |
| Facility | #18 : The Dusty Universe - Near and Far | Alexander Csukai | Planetary Nebulae Extinction Determinations using Central Stars | 710 | F0PB1a |
| Facility | #94 : Revealing the Milky Way with Gaia: Focus on Galactic dynamics in the Gaia era and beyond | Amanda Byström | The dance of the MW and LMC viewed through DESI survey BHB stars | 582 | F0PB1a |
| Facility | #62 : Enabling early science with Rubin LSST in 2028 | Andrés Ponte Pérez | Using lensed stars as a backlight: Can LSST detect highly magnified distant stars crossing caustics? | 671 | F0PB1a |
| Facility | #94 : Revealing the Milky Way with Gaia: Focus on Galactic dynamics in the Gaia era and beyond | Derek Ward-Thompson | A multidimensional analysis of Scorpius OB2 | 341 | F0PB1a |
| Facility | #18 : The Dusty Universe - Near and Far | Fergus Henstridge | RAGERS: A SCUBA-2 survey of the environments of high-redshift radio galaxies | 844 | F0PB1a |
| Facility | #62 : Enabling early science with Rubin LSST in 2026 | Jaime Ruiz Zapatero | LSST: Propagating Photometric Redshift Uncertainties for LSST and Stage-IV surveys | 236 | F0PB1a |
| Facility | #61 : SETI – The Search for Technosignatures, Biosignatures and Beyond... | Jane Greaves | Lessons from Venus: what can phosphine tell us as a candidate biosignature? | 591 | F0PB1a |
| Facility | #18 : The Dusty Universe - Near and Far | Janik Karoly | The JCMT BISTRO Survey: Magnetic Fields Align with Orbital Structure in the Galactic Center | 740 | F0PB1a |
| Facility | #94 : Revealing the Milky Way with Gaia: Focus on Galactic dynamics in the Gaia era and beyond | Jason Hunt | Our Galaxy in Motion: Ridges, Ripples and Spirals in the Milky Way | 882 | F0PB1a |
| Facility | #19 : Radio Astronomy in the build up to the SKAO | Johnny Joseph Alphonse | Variational Views of Radio galaxies using Machine Learning | 614 | F0PB1a |
| Facility | #61 : SETI – The Search for Technosignatures, Biosignatures and Beyond... | Louisa Mason | Conducting High Frequency Radio SETI Searches using ALMA | 356 | F0PB1a |
| Facility | #19 : Radio Astronomy in the build up to the SKAO | Marcin Glowacki | The Magic of MeerKAT: Using the MeerKAT radio telescope to discover HI-rich galaxies and study fast radio bursts | 564 | F0PB1a |
| Facility | #19 : Radio Astronomy in the build up to the SKAO | Nutthawara Buathaisong | Radio Galaxy Zoo: Morphological classification by Fanaroff-Riley designation using self-supervised pre-training | 264 | F0PB1a |
| Facility | #19 : Radio Astronomy in the build up to the SKAO | Patrick O'Neill | A Study of Giant Pulses from PSR B1937+21 using the GMRT | 312 | F0PB1a |
| Facility | #81 : Chandra and XMM-Newton at 25 - Utilising Several Decades of X-ray observation | Paul Giles | Probing Galaxy Clusters with the XMM Cluster Survey | 412 | F0PB1a |
| Facility | #94 : Revealing the Milky Way with Gaia: Focus on Galactic dynamics in the Gaia era and beyond | Pornisara Nuchvanichakul | Further evidence for natal kick segregation by spectral type in high-mass X-ray binaries | 703 | F0PB1a |

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| Facility | #19 : Radio Astronomy in the build up to the SKAO | Rhys Taylor | A visual inspection of eight thousand HI data cubes | 374 | F0PB1a |
| Facility | #19 : Radio Astronomy in the build up to the SKAO | Roland Timmerman | The environment of synchrotron threads in nearby 3CR sources | 802 | F0PB1a |
| Facility | #18 : The Dusty Universe - Near and Far | Romeel Dave | The nature of sub-millimetre galaxies in the Simba galaxy formation simulations | 206 | F0PB1a |
| Facility | #19 : Radio Astronomy in the build up to the SKAO | Sohini Dutta | Bayesian Power Spectrum estimation with built-in systematics modelling for the HERA array | 222 | F0PB1a |
| Facility | #19 : Radio Astronomy in the build up to the SKAO | Sophie Eden | HI absorption in star-forming galaxies at intermediate redshifts | 523 | F0PB1a |
| Facility | #18 : The Dusty Universe - Near and Far | Steven Dipesh Ramnichal | Panchromatic modelling of resolved high-z galaxy observations using Bayesian Neural Networks | 771 | F0PB1a |
| Facility | #19 : Radio Astronomy in the build up to the SKAO | Tobias Russell | Modelling the MeerKAT Primary Beam Asymmetries for 21cm HI Intensity Mapping | 522 | F0PB1a |
| Facility | #61 : SETI – The Search for Technosignatures, Biosignatures and Beyond... | Tongtian Ren | AGN Contamination Among Dyson Sphere Star Candidates | 449 | F0PB1a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Alexander Jones | Tracing Dust Across the Hubble Sequence with HEART | 999 | F2PB1b & F2PB2a |
| Gal & SF | #49 : Illuminating the Faintest Galaxies: Dwarf Galaxies as Probes of Dark Matter, Feedback, and the First Stars | Aliaksandra Senkevich | The distortion of the Tucana IV by the recent close passage of the Large Magellanic Cloud | 650 | F2PB1b & F2PB2a |
| Gal & SF | #98 : Forging the elements: Understanding chemical evolution and stellar populations across cosmic time | Amery Gratton | An exact method for pairing stars to form binary systems | 770 | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Ana Duarte Cabral | Following the flow of gas in galaxies: from spiral galaxies to molecular clouds | 1009 | F2PB1b & F2PB2a |
| Gal & SF | #49 : Illuminating the Faintest Galaxies: Dwarf Galaxies as Probes of Dark Matter, Feedback, and the First Stars | Anastasia Gvozdenko | Distances to globular cluster-rich UDGs: The case of NGC1052-DF2 | 804 | F2PB1b & F2PB2a |
| Gal & SF | #98 : Forging the elements: Understanding chemical evolution and stellar populations across cosmic time | Anatole Storck | On the Observability of Population III stars in the MEGATRON Simulation | 753 | F2PB1b & F2PB2a |
| Gal & SF | #49 : Illuminating the Faintest Galaxies: Dwarf Galaxies as Probes of Dark Matter, Feedback, and the First Stars | Andreea Varasteanu | MIGHTEE-HI: The radial acceleration relation with resolved stellar mass measurements over 1 Gyr | 367 | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Aparna Venkateshwaran | First map of Star Formation Efficiency across a high-redshift galaxy. | 696 | F2PB1b & F2PB2a |
| Gal & SF | #98 : Forging the elements: Understanding chemical evolution and stellar populations across cosmic time | Aswin Payoor Vijayan | Understanding the mass-metallicity relation through the FLARES simulation | 855 | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Clarisse Bonacina | The Multi-Scale Properties of Distant Star-Forming Discs with KMOS+ERIS | 1012 | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Derek Ward-Thompson | A BISTRO-JCMT, SOFIA and JWST interpretation of the magnetic field in Oph A | 313 | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Dominic Taylor | KAOSS and Order: Understanding Star Formation in Dusty Galaxies at Cosmic Noon | 265 | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Eleni Tsiakaliari | Exploiting JWST NIRCам WFSS to map ices in molecular clouds | 343 | F2PB1b & F2PB2a |
| Gal & SF | #49 : Illuminating the Faintest Galaxies: Dwarf Galaxies as Probes of Dark Matter, Feedback, and the First Stars | Elham Saremi | Revealing Dwarf Galaxies in the Ks-band: A Deep Dive with NASIM | 722 | F2PB1b & F2PB2a |
| Gal & SF | #98 : Forging the elements: Understanding chemical evolution and stellar populations across cosmic time | Emma Dodd | Chemical characterisation of streams in the local stellar halo | 562 | F2PB1b & F2PB2a |
| Gal & SF | #63 : The Role of Star Clusters in Star Formation from Local to Galaxy Scales | Eoin O'Kelly | VLBA observations of the Orion Nebula Cluster and associated radio variability | 599 | F2PB1b & F2PB2a |

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| Gal & SF | #60 : Basis Function Expansions in Galactic Dynamics and Evolution | Eugene Vasiliev | Basis-set expansion approach for modelling disrupting satellites and stellar streams | 832 | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Ferdinand Hollauf | A Multi cadence Study Of The Variable Stars In Tr 37: Accretion Stability, Inner Disk Properties And Activity | 516 | F2PB1b & F2PB2a |
| Gal & SF | #103 : Galaxy formation simulations at the Frontier | Gary Liu | Dynamical Galactic Halo Reconstruction from Rotation Curves in Self-Interacting Fuzzy Dark Matter | 974 | F2PB1b & F2PB2a |
| Gal & SF | #98 : Forging the elements: Understanding chemical evolution and stellar populations across cosmic time | Grace Lawrence | Using Stellar Populations to Disentangle Hierarchical History: Quantifying the Milky Way's Memory | 949 (merged with 963, 957, 960) | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Harry Stephenson | Rapid growth of star-forming galaxies at the Epoch of Reionization ($z=6.1$) | 706 | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Hin Leung | Resolving merger-driven outside-in starbursts and quenching in local high-mass galaxies | 964 | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Huw Riley | Kinematic properties of SEDIGISM molecular clouds | 290 | F2PB1b & F2PB2a |
| Gal & SF | #49 : Illuminating the Faintest Galaxies: Dwarf Galaxies as Probes of Dark Matter, Feedback, and the First Stars | Isabel Santos | The true abundance and radial distribution of MW satellites in LCDM | 529 | F2PB1b & F2PB2a |
| Gal & SF | #49 : Illuminating the Faintest Galaxies: Dwarf Galaxies as Probes of Dark Matter, Feedback, and the First Stars | Ivan Baldry | Star-formation rate density as function of galaxy mass | 779 | F2PB1b & F2PB2a |
| Gal & SF | #49 : Illuminating the Faintest Galaxies: Dwarf Galaxies as Probes of Dark Matter, Feedback, and the First Stars | James Nightingale | Dwarf Galaxies at High Redshift with Strong Gravitational Lensing | 611 | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Janik Karoly | Magnetic Fields in the Massive Star-Forming Region IRAS 16562–3959 | 742 | F2PB1b & F2PB2a |
| Gal & SF | #60 : Basis Function Expansions in Galactic Dynamics and Evolution | Jason Hunt | Quantifying the bar & dark halo interaction with BFE & mSSA | 915 | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Jurgen Popp | Morphology and properties of star-forming clumps observed in $\sim 16,000$ low redshift galaxies at $z < 0.5$ | 714 | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Khang Minh Nguyen | Understanding the Role of Magnetic Fields in Massive Star Formation in W51 using Dust Polarisation from SOFIA/HAWC+ | 605 | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Kieran Broadbelt | Utilising Machine Learning To Identify Unusual Galaxies in Large Datasets | 262 | F2PB1b & F2PB2a |
| Gal & SF | #22 : Barred Galaxies: Unraveling Their Evolution, Dynamics, and Cosmic Role | Leon Butterworth | Image augmentations and training dataset size in machine learning models | 833 | F2PB1b & F2PB2a |
| Gal & SF | #102 : The ultimate fate of multi-phase gas in galaxies: from giant molecular clouds to the virial radius | Lilia Magnus | Breaking self-similarity: how dynamical state and feedback affects the redshift evolution of group and cluster gas profiles in the FLAMINGO simulations | 260 | F2PB1b & F2PB2a |
| Gal & SF | #98 : Forging the elements: Understanding chemical evolution and stellar populations across cosmic time | Lorenzo Demaria | Modelling and fitting of background source continuum in molecular cloud ice spectra | 363 | F2PB1b & F2PB2a |
| Gal & SF | #49 : Illuminating the Faintest Galaxies: Dwarf Galaxies as Probes of Dark Matter, Feedback, and the First Stars | Mac McMullan | Connecting dwarf galaxy AGN and the early universe | 903 (merged with 907) | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Maisie Rashman | The 12/13 Carbon ratio in the Chameleon I Molecular Cloud Complex | 444 | F2PB1b & F2PB2a |
| Gal & SF | #103 : Galaxy formation simulations at the Frontier | Marcin Glowacki | Constructing mock samples of SKA pathfinder HI surveys | 565 | F2PB1b & F2PB2a |
| Gal & SF | #22 : Barred Galaxies: Unraveling Their Evolution, Dynamics, and Cosmic Role | Martyna Winiarska | Using gas-dynamical modelling to investigate dark matter content in barred galaxies | 272 | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Megan Allen | The Effects of Density on the Long-Term Evolution of Young Stellar Clusters | 154 | F2PB1b & F2PB2a |

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| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Mete Uzuner | Understanding Variations in Dust Properties in Nearby Galaxies: A Multi-Wavelength Study of M81 | 651 | F2PB1b & F2PB2a |
| Gal & SF | #60 : Basis Function Expansions in Galactic Dynamics and Evolution | Michael Petersen | JWST-observed disc galaxy characterisation and sonification with FLEX | 709 | F2PB1b & F2PB2a |
| Gal & SF | #60 : Basis Function Expansions in Galactic Dynamics and Evolution | Natsuki Funakoshi | Clues to growth and disruption of two neighbouring spiral arms of the Milky Way | 297 | F2PB1b & F2PB2a |
| Gal & SF | #98 : Forging the elements: Understanding chemical evolution and stellar populations across cosmic time | Nicole Buckley | Latent Space Clustering to Explore the Milky Way's Chemical Substructure | 761 | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Rebecca Houghton | Searching for low-mass protostars in the Central Molecular Zone with JWST | 834 | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Ria Ramkumar | Characterising Magnetic Field Properties During the Formation of Star Cluster Progenitors | 389 | F2PB1b & F2PB2a |
| Gal & SF | #98 : Forging the elements: Understanding chemical evolution and stellar populations across cosmic time | Romeel Dave | Chemical evolution in the Simba-C galaxy formation simulation | 205 | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Ruhee Kahar | What Time Can Tell Us About Space: A Study of Variability in Young Stellar Objects | 734 (merged with 736) | F2PB1b & F2PB2a |
| Gal & SF | #22 : Barred Galaxies: Unraveling Their Evolution, Dynamics, and Cosmic Role | Simon Kemp | The unusual galaxy NGC 4488: is it barred? | 640 | F2PB1b & F2PB2a |
| Gal & SF | #49 : Illuminating the Faintest Galaxies: Dwarf Galaxies as Probes of Dark Matter, Feedback, and the First Stars | Sioree Ansar | Modelling Dark Matter Halo Spin using Observations and Simulations: application to UGC 5288 | 854 | F2PB1b & F2PB2a |
| Gal & SF | #22 : Barred Galaxies: Unraveling Their Evolution, Dynamics, and Cosmic Role | Sioree Ansar | Bar formation and destruction in the FIRE-2 simulations | 869 | F2PB1b & F2PB2a |
| Gal & SF | #60 : Basis Function Expansions in Galactic Dynamics and Evolution | Sophia Lilleengen | Analysing the MW-LMC interaction BFEs and mSSA | 769 | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Szu-Ting Chen | The Magnetic Field in Star-Forming Regions of the Perseus Molecular Cloud | 744 | F2PB1b & F2PB2a |
| Gal & SF | #22 : Barred Galaxies: Unraveling Their Evolution, Dynamics, and Cosmic Role | Thomas Tomlinson | A bar resonance substructure in the stellar halo of a cosmological simulation | 864 | F2PB1b & F2PB2a |
| Gal & SF | #102 : The ultimate fate of multi-phase gas in galaxies: from giant molecular clouds to the virial radius | Ting-Yun Cheng | Probing the Temperature-Density Relation with Lyman Limit Deuterium Systems | 791 | F2PB1b & F2PB2a |
| Gal & SF | #22 : Barred Galaxies: Unraveling Their Evolution, Dynamics, and Cosmic Role | Tutku Kolcu | Extreme cloud collisions in nearby barred galaxies | 643 | F2PB1b & F2PB2a |
| Gal & SF | #49 : Illuminating the Faintest Galaxies: Dwarf Galaxies as Probes of Dark Matter, Feedback, and the First Stars | Winky Hiu Laam Lee | Star formation and quenching of dwarf satellites in the MATLAS galaxy groups | 607 | F2PB1b & F2PB2a |
| Gal & SF | #99 : Star formation across environments: From individual molecular clouds to entire galaxies | Zacariyya Khan | HII Region Feedback: The Role of Magnetic Fields in Sequential Star Formation | 797 | F2PB1b & F2PB2a |
| Gal & SF | #103 : Galaxy formation simulations at the Frontier | Zhen Xiang | KIARA-RT: cosmological radiation hydrodynamics simulations from cosmic dark to cosmic dawn | 503 | F2PB1b & F2PB2a |
| Gal & SF | #60 : Basis Function Expansions in Galactic Dynamics and Evolution | Ziyang Yan | Denosing Milky Way stellar survey data with normalizing flow models | 678 | F2PB1b & F2PB2a |
| Gal & SF | #22 : Barred Galaxies: Unraveling Their Evolution, Dynamics, and Cosmic Role | Zoe Le Conte | A JWST investigation into barred galaxies at high redshifts $z > 1$ | 776 | F2PB1b & F2PB2a |
| High energy & transients | #78 : Active Galactic Nuclei – from ISCO to CGM and from cosmic dawn to the present day | Alastair Edge | Constraining the nature of cold gas accretion in massive galaxies | 463 | F2PB4a & F2PB4b |
| High energy & transients | #38 : Ins and Outs of Accretion: The Consequences of Mass Transfer onto Compact Objects | Angel Castro | Multi-wavelength observations of the dwarf nova GK Persei and its expanding shell | 657 | F2PB4a & F2PB4b |
| High energy & transients | #96 : Explosive Transients in the Present and Future Sky | Ben Warwick | Investigating lb/cn CSM with BPASS | 752 | F2PB4a & F2PB4b |

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| High energy & transients | #41 : Gamma-ray Bursts and their contribution to multi-messenger astronomy, cosmology, and the cosmic star-formation rate | Berk Topcu | First IFU observations of two GRB host galaxies at cosmic noon with JWST/NIRSpec | 544 | F2PB4a & F2PB4b |
| High energy & transients | #41 : Gamma-ray Bursts and their contribution to multi-messenger astronomy, cosmology, and the cosmic star-formation rate | Cairns Turnbull | Population analysis of the correlation between long gamma-ray burst luminosities and their decay rates | 612 | F2PB4a & F2PB4b |
| High energy & transients | #78 : Active Galactic Nuclei – from ISCO to CGM and from cosmic dawn to the present day | Carolina Andonie | Investigating the connection between AGN colors and obscuration: insights from SDSS and eROSITA | 996 | F2PB4a & F2PB4b |
| High energy & transients | #78 : Active Galactic Nuclei – from ISCO to CGM and from cosmic dawn to the present day | Darius Michienzi | Modelling transient relativistic X-ray absorption features in IRAS 13224-3809 | 284 | F2PB4a & F2PB4b |
| High energy & transients | #78 : Active Galactic Nuclei – from ISCO to CGM and from cosmic dawn to the present day | Dhavalai sai Srinivas | Autoencoders for AGN identification in the DESI survey | 927 | F2PB4a & F2PB4b |
| High energy & transients | #41 : Gamma-ray Bursts and their contribution to multi-messenger astronomy, cosmology, and the cosmic star-formation rate | Dimple Jha | GRB 241105A: A High-Redshift Test Case for GRB Classification and r-Process Nucleosynthesis | 755 | F2PB4a & F2PB4b |
| High energy & transients | #52 : Physical effects and multi-messenger signatures of energetic particles in galactic environments | Ellis R. Owen | Starburst-driven Galactic Outflows: The Suppressive Role of Cosmic Ray Halos | 280 | F2PB4a & F2PB4b |
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| High energy & transients | #52 : Physical effects and multi-messenger signatures of energetic particles in galactic environments | Greta H. L. Siu | Multi-messenger signatures of isolated black holes accreting in molecular clouds | 655 | F2PB4a & F2PB4b |
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| High energy & transients | #52 : Physical effects and multi-me | Hung-Yi Pu | AGN Jets as Cosmic Ray Engines: Linking Ultra- | 737 | F2PB4a & F2PB4b |
| High energy & transients | #52 : Physical effects and multi-me | Ieva Jankute | Brightest Cluster Galaxies with 16 years of Fer | 775 | F2PB4a & F2PB4b |
| High energy & transients | #78 : Active Galactic Nuclei – from ISCO to CGM and from cosmic dawn to the present day | Izzy Garland | Merger-Free Galaxies Hosting Luminous AGN | 291 | F2PB4a & F2PB4b |
| High energy & transients | #38 : Ins and Outs of Accretion: The Consequences of Mass Transfer onto Compact Objects | John Paice | BlackGEM's Orphaned Binaries | 244 | F2PB4a & F2PB4b |
| High energy & transients | #96 : Explosive Transients in the Present and Future Sky | Joshua Weston | Identifying Transient Hosts in the Deep Drilling Fields | 167 | F2PB4a & F2PB4b |
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| High energy & transients | #78 : Active Galactic Nuclei – from ISCO to CGM and from cosmic dawn to the present day | Lara Alegre | The role of galaxy properties and environmental factors on radio AGN prevalence | 713 | F2PB4a & F2PB4b |
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| High energy & transients | #38 : Ins and Outs of Accretion: The Consequences of Mass Transfer onto Compact Objects | Martina Veresvarska | Unveiling the Role of Magnetic Field in Generating Quasi-Periodic Oscillations: Insights from Accreting White Dwarf Systems | 575 | F2PB4a & F2PB4b |
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| High energy & transients | #78 : Active Galactic Nuclei – from ISCO to CGM and from cosmic dawn to the present day | Navya Saraswat | Joint Investigation in Optical and X-ray Galaxies-AGN connection | 387 | F2PB4a & F2PB4b |
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| High energy & transients | #78 : Active Galactic Nuclei – from ISCO to CGM and from cosmic dawn to the present day | Sophie Jewell | Merger-free BH-galaxy coevolution with DESI | 628 | F2PB4a & F2PB4b |

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| High energy & transients | #41 : Gamma-ray Bursts and their contribution to multi-messenger astronomy, cosmology, and the cosmic star-formation rate | Soumya Gupta | Investigating Spectral Width Evolution in Gamma-Ray Bursts | 688 | F2PB4a & F2PB4b |
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| Instrumentation | #95 : Blue sky to night sky: develop | Andrzej Piascik | LIRIC - An InfraRed Camera in Motion | 686 | F0PB1b |
| Instrumentation | #95 : Blue sky to night sky: develop | Beth Garton | Testing off-the-shelf beamsplitting options for spectrograph acquisition | 525 | F0PB1b |
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| Instrumentation | #67 : The Extremely Large Telescope: Science and Instrumentation | Cyril Bourgenot | The METIS LMS IFUs: An update on the manufacturing and components metrology | 213 | F0PB1b |
| Instrumentation | #100 : Advancing Space Instrumentation and Low-Cost Mission Concepts | Daniel Martin | Deployable Optics – A Novel Approach to Space Instrumentation | 178 | F0PB1b |
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| Instrumentation | #100 : Advancing Space Instrumentation and Low-Cost Mission Concepts | Hamish Reid | The SPARK mission concept: Solar Particle Acceleration Radiation and Kinetics | 947 | F0PB1b |
| Instrumentation | #100 : Advancing Space Instrumentation and Low-Cost Mission Concepts | Jonathan Eastwood | Development of the highly miniaturised MAGIC magnetometer sensor for space plasma physics and space weather applications | 594 | F0PB1b |
| Instrumentation | #67 : The Extremely Large Telescope: Science and Instrumentation | Joss Guy | BlueMUSE at the VLT: Optomechanical Design Concept of the Spectrograph | 231 | F0PB1b |
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| Instrumentation | #67 : The Extremely Large Telescope: Science and Instrumentation | Jurgen Schmoll | Populating a 2m focal plane: The optical design of the pickoff probes for the ELT-MOSAIC instrument and the road to a first optomechanical prototype | 300 | F0PB1b |
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| Professional | #48 : A holistic view of space sustainability | Gruffudd Jones | Future trends in LEO conjunction rates and monitoring satellite constellations using space-borne systems | 990 | F0PB2a |
| Professional | #48 : A holistic view of space sustainability | James Blake | Event-based sensing for space situational awareness | 979 | F0PB2a |
| Professional | #105 : Mitigation and the Underbelly: dark and quiet skies and the darker side of satellites | Maito Shiode | Chasing Darkness: Can We Find Darker Skies in the Urban Environment? | 1013 | F0PB2a |
| Professional | #48 : A holistic view of space sustainability | Mike Peel | The Zero Debris Technical Booklet | 403 | F0PB2a |
| Professional | #48 : A holistic view of space sustainability | Robert Airey | A comprehensive survey of the GEO-belt using simultaneous four-colour observations with STING | 454 | F0PB2a |
| Solar | #53 : UK Solar Physics Open Session | Aaron W. Peat | Mgr II h&k Fine Structure Prominence Modelling and the Importance of the Point Spread Function in the Interpretation of Observed Line Profiles | 133 | F2PB3a & F2PB3b |
| Solar | #53 : UK Solar Physics Open Session | Alexander James | The Coronal Magnetic Field Expansion Factor and Decay Index | 930 | F2PB3a & F2PB3b |
| Solar | #65 : Magnetic reconnection, topology and non-ideal instabilities | Alexander Russell | Flux-rope-mediated turbulent magnetic reconnection | 561 | F2PB3a & F2PB3b |
| Solar | #17 : Magnetohydrodynamic waves in the solar atmosphere: new insights from advanced observations and modelling | Anmol Kumar | Alfvén Wave Propagation and Trapping in the Solar Wind | 460 | F2PB3a & F2PB3b |
| Solar | #65 : Magnetic reconnection, topology and non-ideal instabilities | Anthony Yeates | Meaningful definition of magnetic helicity in spherical shells | 785 | F2PB3a & F2PB3b |
| Solar | #55 : Advancing Our Understanding of the Solar Corona-Wind Connection in the Age of Solar Orbiter and Parker Solar Probe | Daniel Clarkson | Reconstructing the Heliospheric Magnetic Field with Radio Observations | 573 | F2PB3a & F2PB3b |
| Solar | #55 : Advancing Our Understanding of the Solar Corona-Wind Connection in the Age of Solar Orbiter and Parker Solar Probe | Duraïd Al-Shakarchi | Multi-spacecraft observations of Stream Interaction Regions (SIR). A cases study | 131 | F2PB3a & F2PB3b |
| Solar | #17 : Magnetohydrodynamic waves in the solar atmosphere: new insights from advanced observations and modelling | Hidetaka Kuniyoshi | The role of swirls in solar coronal heating | 246 | F2PB3a & F2PB3b |
| Solar | #17 : Magnetohydrodynamic waves in the solar atmosphere: new insights from advanced observations and modelling | Jack Gillam | Using Solar Pore Shape Changes to Extract Horizontal Velocity Profiles | 425 | F2PB3a & F2PB3b |
| Solar | #65 : Magnetic reconnection, topology and non-ideal instabilities | Jonathan Eastwood | Energetics and structure of magnetic reconnection in the near-Sun Heliospheric Current Sheet | 593 | F2PB3a & F2PB3b |
| Solar | #53 : UK Solar Physics Open Session | Lauren McClure | The effect of Resolution and Scale on Vortex Detection and the Resultant Vortices | 656 | F2PB3a & F2PB3b |
| Solar | #55 : Advancing Our Understanding of the Solar Corona-Wind Connection in the Age of Solar Orbiter and Parker Solar Probe | Lewis Dean | The open flux problem: estimating the magnetic flux from photospheric magnetograms | 424 | F2PB3a & F2PB3b |
| Solar | #53 : UK Solar Physics Open Session | Llŷr Humphries | Evolution of small-scale chromospheric bright points | 447 | F2PB3a & F2PB3b |
| Solar | #17 : Magnetohydrodynamic waves in the solar atmosphere: new insights from advanced observations and modelling | Luiz Schiavo | Natural wave generation from a three-dimensional magnetic null point | 568 | F2PB3a & F2PB3b |
| Solar | #53 : UK Solar Physics Open Session | Lyndsay Fletcher | Time time resolution observations of solar chromospheric flares | 991 | F2PB3a & F2PB3b |
| Solar | #17 : Magnetohydrodynamic waves in the solar atmosphere: new insights from advanced observations and modelling | Nada Fayeز Alshehri | Alfvén waves in partially ionised steady state plasmas | 604 | F2PB3a & F2PB3b |
| Solar | #53 : UK Solar Physics Open Session | Natalia Bajnokova | Joint observations of X-ray emission from solar microflares with NuSTAR, STIX and XSM | 841 | F2PB3a & F2PB3b |
| Solar | #65 : Magnetic reconnection, topology and non-ideal instabilities | Peter Wyper | Flare ribbon fine-structure as a diagnostic of flare reconnection | 894 | F2PB3a & F2PB3b |

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| Solar | #55 : Advancing Our Understanding of the Solar Corona-Wind Connection in the Age of Solar Orbiter and Parker Solar Probe | Peter Wyper | Metis observations of solar wind outflows driven by Interchange reconnection | 986 | F2PB3a & F2PB3b |
| Solar | #65 : Magnetic reconnection, topology and non-ideal instabilities | Qihui Ming | Numerical Modelling of Turbulent Antiparallel Magnetic Reconnection | 858 | F2PB3a & F2PB3b |
| Solar | #65 : Magnetic reconnection, topology and non-ideal instabilities | Qihui Ming | Magnetic Reconnection of Homologous Flares in Active Region 12146 | 987 | F2PB3a & F2PB3b |
| Solar | #53 : UK Solar Physics Open Session | Ross Pallister | Exploring the origin of solar flare energetic electrons | 478 | F2PB3a & F2PB3b |
| Solar | #53 : UK Solar Physics Open Session | Ryan Smith | MHD wave propagation in the neighbourhood of a 2D null point with gravitational stratification | 294 | F2PB3a & F2PB3b |
| Solar | #53 : UK Solar Physics Open Session | Samuel Carter | A new methodology for inferring the plasma conditions in solar flare energetic electron source regions from in-situ electron energy spectra | 218 | F2PB3a & F2PB3b |
| Solar | #97 : Common Nature of Physical Processes in Solar and Stellar Coronae | Samuel Hor | Constraining secondary heating sources in flares through numerical modelling | 166 | F2PB3a & F2PB3b |
| Solar | #53 : UK Solar Physics Open Session | Sophie Boswell | Determining Distribution Functions for Collisionless Current Sheet Equilibria: Numerical Approach | 811 | F2PB3a & F2PB3b |
| Solar | #53 : UK Solar Physics Open Session | Stephen Bannister | A novel approach to the quantification of magnetic complexity in solar active regions | 557 | F2PB3a & F2PB3b |
| Solar | #17 : Magnetohydrodynamic waves in the solar atmosphere: new insights from advanced observations and modelling | Tahlina Borradaile | Effect of field line expansion on the energy flux of Alfvén Waves in the solar atmosphere | 563 | F2PB3a & F2PB3b |
| Solar | #53 : UK Solar Physics Open Session | Thomas Parmenter | Coronal loop scaling laws | 634 | F2PB3a & F2PB3b |
| Solar | #56 : Next generation solar physics – preparing for MUSE and Solar-C | Timothy Duckenfield | Inferring the Polarisation of Coronal Kink Waves with Next-Generation Solar Spectroscopy | 350 | F2PB3a & F2PB3b |
| Solar | #65 : Magnetic reconnection, topology and non-ideal instabilities | Tom Williams | Investigating the Efficacy of Topologically Derived Time Series for Flare Forecasting. I. Data Set Preparation | 474 | F2PB3a & F2PB3b |
| Solar | #55 : Advancing Our Understanding of the Solar Corona-Wind Connection in the Age of Solar Orbiter and Parker Solar Probe | Utsav Panchal | Evidence for a link between turbulence and the generation of ion cyclotron waves via the helicity barrier effect in the solar wind | 296 | F2PB3a & F2PB3b |
| Solar | #65 : Magnetic reconnection, topology and non-ideal instabilities | Velizar Kirkow | Shear-driven Kelvin cat's eye formations in non-ideal stratified MHD | 477 | F2PB3a & F2PB3b |
| Solar | #65 : Magnetic reconnection, topology and non-ideal instabilities | William Bate | Magnetic Field Extrapolations and Solar Flare Modelling | 559 | F2PB3a & F2PB3b |
| Stellar & Planetary | #30 : The UK White Dwarf Community: An Opportunity to Connect | Andrew Buchan | The effect of white dwarf atmospheric physics on exogeological interpretation | 323 | F2PB2b |
| Stellar & Planetary | #72 : The Future of Exoplanet Detection | Aurelie Magniez | Hyperspectral Wavefront sensing: new generation of XAO system for High contrast imaging systems | 572 | F2PB2b |
| Stellar & Planetary | #88 : Planetary science and exploration | Bianca Ceragioli | Exploring the variability of the meteoric metal layers in the Venusian atmosphere | 939 | F2PB2b |
| Stellar & Planetary | #82 : Solar System Insights from Small Body Populations | Colin Snodgrass | JWST observations of comet C/2024 E1 (Wierzbos) | 261 | F2PB2b |
| Stellar & Planetary | #30 : The UK White Dwarf Community: An Opportunity to Connect | Emily Roberts | Conclusions on the star formation history and systematic uncertainties of the 40 pc Gaia white dwarf sample | 188 | F2PB2b |
| Stellar & Planetary | #104 : Solar Physics, Stellar Physics, and Exoplanetary joint session: bridging the gap | Holly Seo | Disks around young free-floating planetary-mass objects: Ultradeep Spitzer imaging of IC348 | 273 | F2PB2b |
| Stellar & Planetary | #30 : The UK White Dwarf Community: An Opportunity to Connect | Jamie Williams | A second generation planet accreted by a white dwarf? | 369 | F2PB2b |
| Stellar & Planetary | #30 : The UK White Dwarf Community: An Opportunity to Connect | Karolina Jarosik | Revisiting hot white dwarf luminosity function | 690 | F2PB2b |
| Stellar & Planetary | #72 : The Future of Exoplanet Detection | Matthew Cole | Finding Brown Dwarf Binaries in the WFC2 Archives | 445 | F2PB2b |
| Stellar & Planetary | #72 : The Future of Exoplanet Detection | Megan Mealing | Exploring the exoplanet landscape with JWST and JexoPipe | 502 | F2PB2b |
| Stellar & Planetary | #72 : The Future of Exoplanet Detection | Mélissa Azombo | Predicting Transit Detections with Roman | 353 (merged with 955, 952) | F2PB2b |
| Stellar & Planetary | #104 : Solar Physics, Stellar Physics, and Exoplanetary joint session: bridging the gap | Mélissa Azombo | Phases of The Partial Solar Eclipse, 29 March 2025, UK | 719 | F2PB2b |

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| Stellar & Planetary | #88 : Planetary science and exploration | Miriam Cisneros González | Sensitivity assessment of MAJIS VIS-NIR channel for different abundances in Jupiter's atmosphere | 481 | F2PB2b |
| Stellar & Planetary | #82 : Solar System Insights from Small Body Populations | Phoebe Ryder | Bistatic Radar Observations of Asteroid 2006WB | 966 | F2PB2b |
| Techniques | #69 : Unseen Astronomy: Multi-sensory approaches for research, communication and education | Andrew Spencer | Unseen Astronomy: A Multi-sensory poster on sonification and tactile approaches for research, communication and education in Astronomy. | 1008 | F0PB2a |
| Techniques | #31 : print('Hello Future'): Developing Next Generation Astronomical Codes | Gerrit Roellinghoff | nsb2: An open source tool for the prediction of Night Sky Background as observed by IACTs | 872 | F0PB2a |
| Techniques | #31 : print('Hello Future'): Developing Next Generation Astronomical Codes | Katherine Harborne | SimSpin: Formatting simulation data for comparison with observational surveys | 430 | F0PB2a |
| Techniques | #31 : print('Hello Future'): Developing Next Generation Astronomical Codes | Maximilian von Wietersheim-Kramsta | ASTRODAT: AstroStatistics and Research-Oriented Data Analysis workshop | 938 | F0PB2a |
| Techniques | #31 : print('Hello Future'): Developing Next Generation Astronomical Codes | Rosemary Bartlett | Simulation-trained UNet to Identify Tidal Streams in Milky Way-type Galaxies | 959 | F0PB2a |
| Techniques | #31 : print('Hello Future'): Developing Next Generation Astronomical Codes | Victoria Shevill | Searching for Hot DOGs Beyond Traditional Methods by using Machine Learning in the WISE Catalogue | 569 | F0PB2a |