

Date	Time	Session	Program
13-Aug-24	8:30-10:00	Plenary session	<p>8:30 - 9:00 Looking to the future of HI observations: from pathfinders to the SKA, Kristine Spekkens</p> <p>9:00 - 9:30 Looking to the future of simulations of HI, Kyle Oman</p> <p>9:30 - 10:00 Gas, gas, everywhere...Building the Framework for Neutral HI Detections in the SKA Era, Michelle Cluver</p>
13-Aug-24	10:30-12:00	S1: An unbiased and resolved view of HI in the Local Universe	<p>10:30 - 10:34 Opening</p> <p>10:34-11:04 Review: Resolved HI studies of nearby galaxies, Erwin de Blok</p> <p>11:04-11:18 The first WALLABY public data release: enabling new science with a large sample of spatially resolved galaxies, Tobias Westmeier</p> <p>11:18-11:32 Uncovering Extraplanar Gas in UGCA250 with the Ultra-Deep MHONGOOSE Survey, Sushma Kurapati</p> <p>11:32 - 11:46 MeerChairs: A view of the HI in Nearby Galaxy Groups, Moses Mogotsi</p> <p>11:46 - 12:00 Galaxy dynamics from statistical HI samples in the SKA era, Federico Lelli</p>
13-Aug-24	13:30-15:00	S2: Environmental processes as traced by HI	<p>13:30-13:50 Invited: Environmental processes traced by HI, Mpati Ramatsoku</p> <p>13:50 - 14:10 Invited: New lessons revealed by wide-field HI surveys, Jing Wang</p> <p>14:10-14:24 A serendipitous MeerKAT discovery of an HI-rich galaxy group with megaparsec-scale filamentary-like structure, Graham Lawrie</p> <p>14:24-14:38 The MeerKAT Fornax Survey: removal of HI from galaxies in the Fornax cluster, Filippo Maccagni</p> <p>14:38-15:00 15 Poster sparklers (Pathak, Masipa, Ranaivoharimina, Makda, Motha, Masters, Fu, Kleiner, Koch, Woldeyes, Townsend, Santana, Grossi, ndaliso, gwebushe)</p>

13-Aug-24 15:30-17:00	S3: Constraining our cosmological model with neutral hydrogen observations	15:30-15:50 Invited: HI Intensity mapping and constraining cosmological parameters, Mario Santos 15:50-16:04 Peculiar velocities and cosmological constraints from HI Tully-Fisher surveys, Matthew Colless 16:04-16:18 Unveiling the large-scale structure of the Universe with 21cm Intensity Mapping, Marta Spinelli 16:18-16:32 Neutral Hydrogen in Galaxies Across Cosmic Time, Munira Hoosain 16:32- 16:46 New constraints on HI cosmology and galaxy evolution at $z < 0.5$ from the MeerKAT telescope, Francesco Sinigaglia 16:46-17:00 Revealing hidden structures and the neutral hydrogen mass functions of galaxies through MeerKAT blind systematic surveys of the Zone of Avoidance, Sambatriniaina Rajohnson
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14-Aug-24 10:30-12:00	S4: An unbiased and resolved view of HI in the Local Universe and Environmental processes as traced by HI	10:30-11:00 Review: New HI views of our own Galaxy and the Magellanic Clouds, Snezana Stanimirovic 11:00-11:14 Largest Galactic HI Absorption Survey to Date: Cold Atomic Gas in the Magellanic Cloud Foreground Using Australian SKA Pathfinder, Van Hiep Nguyen 11:14-11:28 Spatial Variation of Cold and Unstable Neutral Hydrogen Gas of the Milky Way in the Southern Sky, Callum Lynn 11:28 - 11:42 The protective environment of substructures within galaxy clusters: a case study with A2626, Julia Healy 11:42 - 11:56 Quantifying the Impact of Ram-Pressure and Tidal Interactions on Gas Stripping and Accretion in Galaxy Groups, XC Lin 11:56-12:00 Poster highlights by chair
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14-Aug-24 13:30-15:00	S5: Connecting simulations of HI to observations and Environmental processes as traced by HI	13:30-13:50 Invited: Connecting HI to multiphase ISM and feedback in simulations, Romeel Dave 13:50 - 14:10 Invited: Environmental effects on HI in simulations, Rory Smith 14:10-14:24 The HI Chronicles: Connecting Galaxy Evolution with the Cosmic Web, Nicholas Luber 14:24-14:38 The HI discs of galaxies as probes of the baryonic physics of galaxy evolution, Jindra Gensior 14:38-14:52 Survival and synthetic observables of neutral atomic hydrogen in galactic wind simulations, Wladimir Eduardo BandaBarraga 14:52-15:00 Poster sparklers (adam, Kerrison, Chen, Mangena, Naidoo)
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14-Aug-24 15:30-17:00	S6: Evolution of HI scaling relations across cosmic time	<p>15:30-16:00 Review: HI scaling relations in the SKA era, Martin Meyer</p> <p>16:00-16:14 ORCHIDSS: An ESO 4MOST Community Survey to unlock the full HI potential of the SKA and its precursors, Ken Duncan</p> <p>16:14-16:28 Scatter of the HI-Halo Mass relation of central galaxies and improving HI detections towards massive clusters, Manasvee Saraf</p> <p>16:28-16:42 New science results from individual HI detections in the LADUMA field, Andrew Baker</p> <p>16:42-16:56 The Gas Depletion Timescale of Star-Forming Galaxies at Intermediate Redshift, Lara Featherstone</p> <p>16:56-17:00 Poster highlights by chair</p>
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15-Aug-24 10:30-12:00	S7: HI in the life-cycle of galaxies	<p>10:30-11:00 Review: Connecting HI to multiphase ISM at all redshifts, Celine Peroux</p> <p>11:00-11:14 Galactic Winds and Outflows in Cold Gas, Deanne Fisher</p> <p>11:14-11:28 Radial motions and radial gas flows in local spiral galaxies, Enrico di Teodoro</p> <p>11:28 - 11:42 High Redshift HI & H2 With CHILES, Julia Blue Bird</p> <p>11:42 - 11:56 Deep HI survey of the COSMOS field with FAST, Hengxing Pan</p> <p>11:56-12:00 Poster highlights by chair</p>
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15-Aug-24 13:30-15:00	S8: HI in the life-cycle of galaxies and Evolution of HI scaling relations across cosmic time	<p>13:30-13:50 Invited: HI absorption and AGN feedback, Raffaella Morganti</p> <p>13:50-14:04 The MALS view of cold atomic gas in and around galaxies at $0 < z < 0.6$, Neeraj Gupta</p> <p>14:04-14:18 ASKAP-FLASH: Research highlights and progress updates from a large-area HI 21-cm absorption survey, Hyein Yoon</p> <p>14:18-14:32 The physical connection between angular momentum and cold gas is not that simple, Luca Cortese</p> <p>14:32- 14:46 Statistical approaches to selecting strong gravitationally lensed HI and OH sources in wide-field SKA surveys, Charissa Button</p> <p>14:46-15:00 Galaxy dynamics revealed by a physically motivated model for the integrated H I line profiles, Bo Peng</p>

15-Aug-24 15:30-17:00	S9: The smallest galaxies as revealed by their HI content	<p>15:30-15:50 Invited: Testing dark matter with HI observations of dwarf galaxies, Pavel Mancera Piña</p> <p>15:50-16:04 Are gas-rich Ultra-Diffuse Galaxies and field dwarfs distinct populations?, Khadeejah Motiwala</p> <p>16:04-16:18 The HI properties of Green Pea galaxies, Archishman Khasnovis</p> <p>16:18-16:32 The HI view of dwarf galaxies in the Local Void: a pilot survey with WALLABY DR1, Rayssa Guimarães-Silva</p> <p>16:32- 16:52 Invited: Conference summary and forward look on HI in and around galaxies in the SKA era, Thijs van der Hulst</p> <p>16:52 - 17:00 Conference closing</p>
13-Aug-24 10:00-10:30	Poster session 1	<p>MAHLELELA, kopana, Isaacs, Dlamini, Xu, SMITH, WS, Lebron, Mophahlane, Falceta-Goncalves, Albert, Ghasemi Nodehi, Namumba, Nunhokee, Gazol, Font, Cheng</p> <p>1740, 1706, 718, 210, 236, 325, 2279, 3039, 119, 879, 1856, 507, 1050, 2423, 3045, 3180, 3200</p>
13-Aug-24 15:00-15:30	Poster session 2	<p>Kummer, Simango, Chandola, Delhaize, Mohapatra, Oelgeschläger, ndaliso, gwebushe, Viljoen, Pathak, Ranaivoharimina, Makda, Masters, Fu, Kleiner, Koch, Schinnerer, Datta</p> <p>1473, 534, 1961, 2169, 2224, 2259, 1047,1053, 1452, 2178, 1430, 2349, 2359, 2497, 911, 1271, 1730, 2076</p>
14-Aug-24 10:00-10:30	Poster session 3	<p>Hu, Glowacki, Zabel, Kleiner, Kittiwisit, Yu, Walter, Steyn, For, Soler, Randriamampandry, Ianjamasimanana, Keenan, Hank, Deg, Chatterjee</p> <p>2131, 2140, 2381, 976, 977, 1007, 1255, 1376, 1435, 2230, 1079, 1539, 689, 1365, 1480, 1717</p>
14-Aug-24 15:00-15:30	Poster session 4	<p>Stockenstrom, Joo, Lebron, Alina, Sourivong, Loubser, Naidoo, Masipa, Mangena, Motha, Woldeyes, Townsend, Santana, Grossi, adam, Kerrison, Chen, KUNENE</p> <p>2087, 2168, 2865, 2867, 930, 1938, 2557, 2471, 1299, 2484, 2891, 2492, 3033, 103, 304, 485, 77, 1628</p>
15-Aug-24 10:00-10:30	Poster session 5	<p>Akumu, Lawrie, Zuo, de Oliveira, Roychowdhury, Joo, Rakotovao, Rawoot, Garcia, Lee-Waddell, Das, O'Beirne, Varasteanu, Louw, Marchal, Keenan, Kummer, Ramburuth-Hurt</p> <p>2450, 2702, 2725, 3101, 586, 818, 825, 899, 1043, 1272, 1440, 1802, 1916, 1960, 2306, 2470, 2485</p>

15-Aug-24 15:00-15:30 Poster session 6

de Villiers, Kraan-Korteweg, TOVOLAHY, Shanobe, Charlton, Matshawule, Veronese, Tudorache, Kim, Wang,
Zabel, Seethapuram Sridhar, Dénes, Sadler, Deane, Guimarães Silva, O'Donoghue, Maccagni
188, 864, 949, 961, 1460, 1587, 1942, 1995, 2496, 3003, 1240, 1640, 1732, 1804, 1829, 705, 2912, 893
