

Poster Presenter	Title	Submission ID	Day of presenting
Tansan, Merve	Neighborhoods, Directions and Distances: Segmentation Effects in a Real-World City	1	Tuesday June 14
Muller, Alana	Tracking navigation and spatial memory in small-scale spaces using mobile eye tracking	2	Tuesday June 14
Maidenbaum, Shachar	Spatial features in human social interaction: emerging spatial patterns in academic gatherings on proximity chat platforms	3	Tuesday June 14
Kunz, Alexis	GPS Usages and Their Relations to Spatial Ability and Scenario Familiarity	4	Tuesday June 14
Du, Yu Karen	Spatial memory distortions for the shapes of walked paths occur in violation of physically experienced geometry	5	Tuesday June 14
Müller, Martin	VNT: A toolkit for virtual navigation experiments	6	Tuesday June 14
Park, Sang-Eon	1/f power spectral density as a neurocognitive marker of age-related spatial memory decline	7	Tuesday June 14
Puthusseryppady, Vaisakh	Changes in Spatial Exploration Patterns in Early Aging are Associated with Declines in Spatial Memory	8	Tuesday June 14
Hill, Paul	Age-related navigation impairments are moderated by testing modality	9	Tuesday June 14
Segen, Vladislava	Characterising sources of path integration errors in healthy older adults and those with subjective cognitive decline	10	Tuesday June 14
Goodroe, Sarah	Multicentric tracking in human cingulate cortex and frontopolar cortex during navigation towards a dynamic goal	11	Tuesday June 14
Gahnstrom, Christoffer	One-shot learning and goal representations during flexible navigation	12	Tuesday June 14
Perez, Eliany	Neural correlates of strategy shifts in navigation behavior	13	Tuesday June 14
Nguyen, Kim	The Temple Tour: Neural coding of episodic and spatial representations in young adults	14	Tuesday June 14
Mortazavi, Nasim	Virtual visual navigation during context-dependent learning in the human hippocampus using intracranial recordings (SEEG)	15	Tuesday June 14
Seger, Sarah	Navigation and mental replay involve different frequencies of theta oscillations	16	Tuesday June 14
Maoz, Sabrina	Successful memory retrieval modulates spatial maps in the medial temporal lobe of freely ambulating humans	17	Tuesday June 14
Zubair, Humza N.	Saccadic modulation of human medial temporal lobe oscillatory activity during real-world spatial navigation	18	Tuesday June 14
Piza, Diego B.	Mechanisms of spatial navigation in the Hippocampus of the common marmoset	19	Tuesday June 14
VERICEL, Marie	A place with a view: parietal and hippocampal neuronal activities during virtual navigation in the macaque	20	Tuesday June 14
Yang, En	A brainstem integrator for self-location memory and positional homeostasis	21	Tuesday June 14
Sun, Xuelong	How the insect central complex could coordinate multimodal navigation	22	Tuesday June 14
Cheng, You (Lily)	A recurrent neural network model of travel direction in humans	23	Tuesday June 14
Cheng, Ken	Servomechanisms working with oscillators: ubiquitous in navigation and orientation	24	Tuesday June 14
Fernandez Leon, Jose A.	Place-grid cells dynamic coupling enables error minimization for path integration	25	Tuesday June 14
Starrett Ambrose, Mike	Graph properties influence route selection for equidistant paths	26	Wednesday June 15
Robinson, Eva	The Intersection of Space and Time in Navigation and Episodic Memory	27	Wednesday June 15
Sulpizio, Valentina	Effect of optic flow on spatial updating: insight from an immersive virtual reality study	28	Wednesday June 15
Herrera, Estibaliz	Why do you get lost?: A T-maze spatial navigation study in humans	29	Wednesday June 15
Scherer, Jonas	The influence of environmental complexity on the mechanisms of multi-guidance in human navigation	30	Wednesday June 15
Cen, Danlu	How curiosity guides spatial exploration in humans	31	Wednesday June 15
Segev, Shachar	Navigating to moving goals - do humans implicitly assume movement patterns?	32	Wednesday June 15
Doner, Stephanie	Evidence for flexible strategies during spatial learning involving path choices	33	Wednesday June 15
Qi, Yafei	Sources of systematic errors in human path integration	34	Wednesday June 15
Krichmar, Jeff	Flexible Path Planning in a Spiking Model of Replay and Vicarious Trial and Error	35	Wednesday June 15
Rekers, Sophia	Spatial navigation impairment in post COVID-19 syndrome	36	Wednesday June 15
He, Qiliang	Effects of acute stress on rigid learning, flexible learning and value-based decision-making in spatial navigation	37	Wednesday June 15
Koch, Christoph	L-DOPA enhances neural direction signals in younger and older adults	38	Wednesday June 15
Iggena, Deetje	Multisensory input modulates memory-guided spatial navigation	39	Wednesday June 15
Colombo, Giorgio	Spatial Performance Assessment for Cognitive Evaluation (SPACE): A novel tablet-based tool to detect cognitive impairment.	40	Wednesday June 15
Gönner, Lorenz	L-Dopa suppresses grid-like activity and impairs spatial learning in novel environments in a young adult sample	41	Wednesday June 15
Fereidouni, Marzieh	Modulation by movement speed as a predictor of grid-code integrity and behavioral performance in linear path integration	42	Wednesday June 15
Polti, Ignacio	Entorhinal grid-like signals reflect temporal context for human timing behavior	43	Wednesday June 15
Zheng, Li	Partially overlapping spatial environments trigger reinstatement in hippocampus and schema representations in prefrontal cortex	44	Wednesday June 15
Giari, Giuliano	MEG frequency-tagging reveals the emergence of a grid-like code during covert attentional movements	45	Wednesday June 15
Thornberry, Conor	An Examination of the Behavioural & Neural Correlates of Spatial Navigation	46	Wednesday June 15
Stocek, Fabian	Novel virtual reality-enabled path integration task for freely moving rats.	47	Wednesday June 15
Najafian Jazi, Maryam	Hippocampal representations of homing based on path integration	48	Wednesday June 15
Moore, Noah	Sharper head-direction tuning in a rat model of autism	49	Wednesday June 15
Masuda, Francis	Ketamine Disrupts and Restructures Entorhinal-Hippocampal Spatial Coding	50	Wednesday June 15
Belge, Tugce	Converging lines on the horizon: The impact of linear perspective cues on spatial memory	51	Thursday June 16
Huang, Ju Yi	The impact of task difficulty on wayfinding by the sequential response strategy and by the associative cue strategy	52	Thursday June 16
Muffato, Veronica	Spatial navigation and different domains of knowledge: The role of individual's visuospatial factors	53	Thursday June 16
Kim, Misun	Euclidean maps for a non-Euclidean surface? Human spatial memory and path integration on the sphere	54	Thursday June 16
Nujeidat, Marah	Spatial memory in 3d - flying a virtual water maze	55	Thursday June 16
Yuksel, Ece	This is not the way: A global directional cue does not improve spatial navigation in an immersive virtual environment	56	Thursday June 16
Maier, Patrizia	The formation and consolidation of egocentric and allocentric spatial memories in children and adults	57	Thursday June 16
Qu, Yukun	forming cognitive map of conceptual space through development	58	Thursday June 16
Moore, Alexander	Does Vestibular Disease Affect the Sense of Direction?	59	Thursday June 16
Ahmad, Maimuna	Navigation on virtual reality tasks is abnormal in patients with bilateral vestibular loss	60	Thursday June 16
Flanagin, Virginia	Recent advances in characterising the vestibular system in humans	61	Thursday June 16
McAvan, Andrew	Largely Intact Memory for Spatial Locations During Navigation in an Individual with Dense Amnesia	62	Thursday June 16
Bonavita, Alessia	Impact of Traumatic Brain Injury on different formats of topographical representation.	63	Thursday June 16
Bernard, Matthieu	The impact of landmark stability on the decoding of the head direction signal in the human brain	64	Thursday June 16
Zhou, Ruoqing	Vectorial spatial coding in the human brain	65	Thursday June 16
Chen, Xiaoli	Coexistence of Cue-specific and Cue-independent Spatial Representations for Landmarks and Self-motion Cues in Human Retrosplenial Cortex	66	Thursday June 16
Tu, Alina	The relationship between hippocampal subfield volumes and individual differences in navigation	67	Thursday June 16
Grieves, Roddy	The neural correlates of spatial disorientation in head direction cells	68	Thursday June 16
Sit, Kevin	Coregistration of heading to visual cues in retrosplenial cortex	69	Thursday June 16
Alexander, Andrew	Laminar and projection-specific calcium imaging of spatial memory related retrosplenial cortex dynamics in freely moving rats	70	Thursday June 16
Graham, Jalina	Projections to the lateral mammillary and dorsal tegmental nuclei arise from a minimal but overlapping population of neurons in the supragenual nucleus.	71	Thursday June 16
Kononowicz, Tadeusz	"This Is My Spot!": Social Determinants Regulate Space Utilization in Macaques.	72	Thursday June 16
Lanzarini, Francesca	Systems neuroscience of navigation in the naturally behaving marmoset monkey	73	Thursday June 16
Hagbi, Zohar	How does an inclined surface influence head posture and spatial orientation?	74	Thursday June 16
Mehdi, Fallahnezhad	Cerebellar control of a unitary sense of direction	75	Thursday June 16