

Mon, Sep 5	9:30	<b>Keynote Lecture</b>	
		Ruth Dalton	
	11:00	<b>Moving through Space I</b>	
		Smart crowd management: the data, the users and the solution	Laure De Cock, Nico Van de Weghe, Steven Verstockt and Christophe Vandeviver
		Improving pedestrians traffic priority via grouping and virtual lanes in shared spaces	Yao Li, Vinu Kamalasanan, Mariana Batista and Monika Sester
		Collaborative wayfinding under distributed spatial knowledge	Panagiotis Mavros, Saskia Kuliga, Ed Manley, Hilal Fitri, Michael Joos and Christoph Hölscher
	14:00	<b>Envisioning the Future of Space</b>	
		New human dynamics in the emerging metaverse: Towards a quantum phygital model by integrating space and place	Daniel Sui and Shih-Lung Shaw
		Are psychological variables relevant to evaluating geoinformatics applications? The case of landmarks.	Jakub Krukar and Angela Schwering
	16:00	<b>Moving through Space II</b>	
		I can tell by your eyes! Continuous gaze-based turn-activity prediction reveals spatial familiarity	Negar Alinaghi, Markus Kattenbeck and Ioannis Giannopoulos
		Eye blink-related brain potentials during landmark-based navigation in virtual reality	Bingjie Cheng, Enru Lin, Klaus Gramann and Anna Wunderlich
		Abnormal situation simulation and dynamic causality discovery in urban traffic networks	Yadi Wang, Yicheng Pan, Meng Ma and Ping Wang
	17:05	<b>Poster Pitches</b>	
		aMPdist: Improving the performance of time series similarity computation using approximation and indexing	Mihalis Tsoukalos, Georgios Chatzigeorgakidis, Nikos Platis and Spiros Skiadopoulos
		Towards improving pilots' spatial awareness through cross-sectional weather visualizations	Adrian Sarbach, Peter Kiefer and Raubal Martin
		Place-based semantic similarity	Sarah Battersby, Grant McKenzie and Vidya Setlur
Tue, Sep 6	9:15	<b>Seeing Space</b>	
		Rethinking route choices! On the importance of route selection in wayfinding experiments	Bartosz Mazurkiewicz, Markus Kattenbeck and Ioannis Giannopoulos
		Generalized, inaccurate, incomplete: how to comprehensively analyze sketch maps beyond their metric correctness	Angela Schwering, Jakub Krukar and Charu Manivannn
	10:30	<b>Moving through Space III</b>	
		Spatial information, the brain, and the potential cognitive benefits of the environment	May Yuan and Kristen Kennedy
		Abnormal trajectory-gap detection	Arun Sharma, Jayant Gupta and Shashi Shekhar
		Spatial and spatiotemporal matching framework for causal inference	Kamal Akbari and Martin Tomko
	14:00	<b>Themed Session</b>	
		Pedestrian space	Ehsan Hamzei, Martin Tomko, Nico van de Weghe, Laure de Cock, Stephan Winter, and others
	16:00	<b>Keynote Lecture</b>	
		Jeremy Wolfe	
Wed, Sep 7	9:15	<b>Computing Space I</b>	
		An online algorithm for handling qualitative spatio-temporal information	Zhiguo Long, Qiyuan Hu, Hua Meng and Michael Sioutis
		Predicting distance and direction from text locality descriptions for biological specimen collections	Ruoxuan Liao, Pragyan Das, Christopher Jones and Kristin Stock

	10:30	Reasoning about Space I	
		Qualitative spatial reasoning over questions	Mohammad Kazemi Beydokhti, Matt Duckham, Yaguang Tao, Maria Vasardani and Amy Griffin
		Representing computational relations in knowledge graphs using functional languages	Yanmin Qi, Heshan Du, Amin Farjudian and Yunqiang Zhu
		Transcepts: Connecting entity representations across conceptual views on spatial information	Eric Top and Simon Scheider
	14:00	Themed Session	
		Spatial question answering	Ehsan Hamzei, Martin Tomko, Simon Scheider, Chris Jones, Bill Palmer, and others
	16:00	Reasoning about Space II	
		Perceptions of qualitative spatial arrangements of three objects	Ningran Xu, Ivan Majic and Martin Tomko
		Empirical evidence for concepts of spatial information as cognitive means for interpreting and using maps	Enkhbold Nyamsuren, Eric Top, Haiqi Xu, Niels Steenbergen and Simon Scheider
	17:00	Reasoning About Space III	
		An entropy-based model for indoor self-localization through dialogue	Kimia Amoozandeh, Ehsan Hamzei and Martin Tomko
		A computational method for the classification of mental representations of objects in 3D space	Samuel S Sohn, Panagiotis Mavros, Mubbasir Kapadia and Christoph Hölscher
		Platial rhythm	Daniel Romm and Grant McKenzie
Thu, Sep 8	9:15	Keynote Lecture	
		Nippon Telegraph and Telephone Corporation (NTT): "4D digital platform"	
	10:30	Computing Space II	
		Large-scale spatial prediction by scalable geographically weighted regression: Comparative study	Daisuke Murakami, Narumasa Tsutsumida, Takahiro Yoshida and Tomoki Nakaya
		A comparison of geographically weighted principal components analysis methodologies	Narumasa Tsutsumida, Daisuke Murakami, Takahiro Yoshida, Tomoki Nakaya, Binbin Lu, Paul Harris and Alexis Comber
		A weather-aware framework for population mobility modelling	Vanessa Brum-Bastos, Kamil Smolak, Witold Rohm and Katarzyna Sila-Nowicka
	11:30	Doctoral Mentoring Presentations / 2 parallel streams	
	12:30	(COSIT Steering Committee Meeting)	
aft & eve		Excursion and Banquet Dinner	
Fri, Sep 9	9:15	Best Full Paper Session	
		Automatically discovering conceptual neighborhoods using machine learning methods	Ling Cai, Krzysztof Janowicz and Rui Zhu
		What do you mean you're in Trafalgar Square? Comparing distance thresholds for geospatial prepositions	Niloofer Aflaki, Kristin Stock, Christopher B Jones, Hans Guesgen, Jeremy Morley and Yukio Fukuzawa
	10:30	Best Short Paper Session	
		Geographically varying coefficient regression: GWR-exit and GAM-on?	Alexis Comber, Paul Harris, Daisuke Murakami, Narumasa Tsutsumida and Chris Brunsdon
		3D sketch maps: Concept, potential benefits, and challenges	Kevin Gonyop Kim, Jakub Krukar, Panagiotis Mavros, Jiayan Zhao, Peter Kiefer, Angela Schwering, Christoph Hölscher and Martin Raubal
		The effect of abstract vs. realistic 3D visualization on landmark and route knowledge acquisition	Armand Kapaj, Enru Lin and Sara Lanini-Maggi
	12:00	Farewell	