CIE Australia Lighting Research Conference

Tuesday 7th February, 2023
University of NSW, Sydney, and online

Preliminary Programme

Time	Name	Country	Title
09:00	**Welcome, introduction**		
	Keynote address 1		
09:10	John O'Hagan	UK	Revising CIE S009 and hopefully IEC 62471 – the work of CIE JTC-5
09:40	**Session 1: Measurement (1)**		
	Guillaume Mario Dotreppe	Belgium	Validation of a numeric approach for off-axis illuminance
	Mei Ying Boon	Australia	Using smartphones to measure illuminance
	Ruth Genevieve Ong	Australia	Measuring spectral power distribution of light sources in the ICU
	Question and answer session		
10:40	**Break**		
11:10	**Session 2: Interior lighting**		
	Wangyang Song	United States	A review of spatial brightness metrics
	Dario Maccheroni	Italy	On the sustainability of integrative lighting in museum environments: A case study of the Monumental Charterhouse of Calci
	Parisa Mahmoudzadeh	United States	Spatial efficiency: A comparison of calculation methods
	Wenkai Bian	Australia	A machine-learning-aided approach to improve occupancy-based lighting control systems
	Question and answer session		
12:30	**Break**		
	Keynote address 2		
13:30	Jennifer Veitch	CA	Opportunities and Challenges to Understanding Temporal Light Modulation Effects on People
14:00	**Session 3: Measurement (2)**		
	Steve Coyne	Australia	Measurement of temporal light modulation: Improving calculation methods for stroboscopic effect visibility measure
	Stephen J Dain	Australia	Using smartphones to measure luminance contrast
	Tony Bergen	Australia	The challenges of calibrating bilirubin radiometers
	Question and answer session		
15:00	**Break**		
15:30	**Session 4: Colour, vision and behavioural aspects**		
	Mushfiqul Anwar Siraji	Malaysia	Light exposure-related behaviors can predict chronotype, sleep quality, trouble in memory and concentration: A PLS-SEM analysis
	Vineetha Kalavally	Malaysia	Accurate profiling of visual and non-visual metrics in a built environment targeting integrative lighting
	Sujendan Thavanathan	Australia	The development of a new mathematical model that goes beyond fidelity and preference dimensions
	Vanessa Honson	Australia	Refractive and non-refractive blur and the recognition of signals
	Question and answer session		
16:50	**Concluding comments**		
17:00	**Close**		

Current as of 16/12/2022, subject to change