

7:30am	Registration and Arrival Tea/ Coffee Clarendon Foyer, MCEC	
8:30am	Introduction <i>Vessi Ivanova, Chair, IESANZ Organising Committee</i> President's Message <i>Trent Dutton, President, IESANZ</i> Welcome Address <i>Amy Muir, Victorian President, Australian Institute of Architects</i>	
8:45am	Keynote Presentation Human Centric Lighting Will Not Happen Until We Understand <i>Dr Mark S. Rea, Rensselaer Polytechnic Institute, USA</i>	
9:45am	Light Environments in the Context of Human Circadian Light Sensitivity <i>Dr Sean Cain, Monash University</i>	
10:15am	Morning Tea Clarendon Foyer, MCEC	
	Concurrent Session 1: Clarendon Room A Human-Centric Lighting in Focus	Concurrent Session 2: Clarendon Room D Future of Lighting
10:45am	Understanding and Interpreting Photometric Files <i>Jennifer Jaques, Lighting Application Sciences</i>	IoT-Based PHM Framework for LED Lighting Systems <i>Shan N Lee, Monash University Malaysia</i>
11:15am	Lighting: Human-Centred Design with Radiation <i>Tim Shotbolt, Light & the Biosphere</i>	Spatial Optimization of a Multispectral Illumination Source <i>Sanush Abeysekera, Monash University Malaysia</i>
11:45am	A Feasibility Study of Using Ocular Behaviour as an Indicator for Assessing Glare in an Office Setting <i>Gillian Isoardi, Light Naturally</i>	Spectral Optimization of a Commercialised Multi-channel SSL Luminaire with Tunable Circadian Impact <i>Rachel Saw, Monash University Malaysia</i>
12:15pm	Lunch Clarendon Foyer, MCEC	
1:15pm	Concurrent Session 3: Clarendon Room A Health, Wellbeing And Light Human Centric Lighting for Night Shift Workers <i>Bow Jaruwangsanti, Design by Bow and Umow Lai</i> Evaluation of Temporal Light Modulation (TLM) in LED Light Sources <i>Steve Coyne, Light Naturally</i>	Concurrent Session 4: Clarendon Room D Latest In Lighting Standards Why Light Pollution must be a Part of the Conversation <i>Landon Bannister, Australasian Dark Sky Alliance</i> Signs and Facades <i>Scott Forbes, Signs and Facades & Rubidium Light</i>
2:20pm	Keynote Presentation Clarendon Auditorium, MCEC Biologically Focused Lighting - The Truth About Circadian Lighting <i>Robert Soler, Biological Innovation and Optimization Systems, USA</i>	
2:50pm	A Roadmap for Implementation of Human Centric Lighting Invited Speaker <i>Dr Douglas Steel, NeuroSense, USA</i>	
3:20pm	Afternoon Tea Clarendon Foyer, MCEC	
3:45pm	Keynote Presentation Clarendon Auditorium, MCEC The Lighting Design Objectives (LiDOs) Procedure <i>Dr Christopher "Kit" Cuttle, Lighting Consultant, NZ</i>	
4:45pm	Keynote Presentation The Effect of Light on our Sleep-Wake Cycle: New Lighting Insights, Definitions and Designs <i>Luc Schlagen, Eindhoven University of Technology, Netherlands</i>	
5:30pm	Conference Day 1 Close	
5:45pm	Welcome Drinks Exhibition Area, Clarendon Foyer, MCEC	
6:45pm	Annual General Meeting Clarendon Room D	
7:30pm	Walking Tour: City Lights <i>Meeting Point – European Bar, 120 Exhibition Street, Melbourne</i>	



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8:30am	Keynote Presentation Clarendon Auditorium, MCEC From Retinal Cell to Virtual Reality: A Psychobiological Approach to Human Centric Lighting <i>Dr Motoharu Takao, Tokai University, Japan</i>	
9:30am	Keynote Presentation 'Human Centric Lighting': Does it Really Have to be Blue-Enriched and Tunable? <i>Dr Mariana G. Figueiro, Rensselaer Polytechnic Institute, USA</i>	
10:30am	Morning Tea Clarendon Foyer, MCEC	
	Concurrent Session 5: Clarendon Room A Future of Lighting	Concurrent Session 6: Clarendon Room D Energy Efficiency
11:00am	Circa, a Wearable Spectral Sensor to Measure Light Exposure Impacting the Human Circadian System <i>Anas Mohamed, Monash University, Malaysia</i>	Real Time and Weather Modelling of Daylight Availability in Complex Transport Structures: reduces Illumination and Electricity Capex & Opex by 50% <i>Richard Morrison, Light in Design by Jenarick Consulting</i>
11:30am	Influence of LED-Based Assistive Lighting on the Autonomous Mobility of Low Vision People <i>Vineetha Kalavally, Monash University Malaysia</i>	Update on Regulation of Lighting Products under the Greenhouse and Energy Minimum Standards Act <i>David Boughey, Department of Environment and Energy</i>
12:00pm	Visual Comfort in Green Office Buildings: Using Field Studies to Inform Design <i>Veronica Garcia-Hansen, Queensland University of Technology</i>	Every Building Counts Introducing a Practical Plan to Reduce Emissions in the Built Environment <i>Sandra Qian, Green Building Council Australia</i>
12:30pm	Lunch Clarendon Foyer, MCEC	
	Concurrent Session 7: Clarendon Room A Technology Lighting the Way	Concurrent Session 8: Clarendon Room D Panel Presentations
1:30pm	Study of Unified Glare Rating of LED Luminaires with Diffusers <i>Dariusz Kacprzak, The University of Auckland</i>	Industry and Standards Panel Moderator: Tim Shotbolt, Light & The Biosphere David Lewis, DLLD Television Sports Lighting Consultant David Bird, 2B Designed Robert Hamilton, Webb Australia Group Tracy Bronlund, Aesthetics Lighting
2:00pm	Performance of LED Lighting Systems in the Presence of Load Control Ripple Injection Signalling <i>Sean Elphick, Australian Power Quality & Reliability Centre, University of Wollongong</i>	Energy Efficiency Panel Moderators: Tim Shotbolt, Light & The Biosphere Adele Lock, Mint Lighting Design John Ford, Relume Consulting Pty Ltd Barry Gull, Affiliation Scott Forbes, Rubidium Lighting
2:30pm	A Whole New Level of Real-Time Light Simulation and Design Communication Tools <i>Christopher Blewitt, migenius Pty Ltd</i> <i>Carl Gray, GrayLight</i>	
3:00pm	Afternoon Tea Clarendon Foyer, MCEC	
3:30pm	Presentation Clarendon Auditorium, MCEC Invited Speaker How Things are Connected in the Strangest Ways <i>Dr Emrah Baki Ulas, Steensen Varming</i>	
4:15pm	Conference Closing Address Moderator: Trevor Stork Including discussion with keynote presenters: <i>Dr Mark S. Rea, Rensselaer Polytechnic Institute, USA</i> <i>Dr Kit Cuttle, Lighting Consultant NZ</i> <i>Robert Soler, Biological Innovation and Optimization Systems, USA</i> <i>Dr Motoharu Takao, Tokai University, Japan</i> <i>Dr Mariana G. Figueiro, Rensselaer Polytechnic Institute, USA</i> <i>Luc Schlangen, Eindhoven University of Technology, Netherlands</i>	
6:30pm - Midnight	IESANZ Awards & Gala Dinner RACV City Club, 501 Bourke Street, Melbourne Celebrate the winners of the IESANZ International Awards and IES VIC/TAS Chapter Awards.	