



PLEA 2017 EDINBURGH

Design to Thrive

LIGHT FORUM

Assembly Rooms Building: **East Drawing Room**
July 4th

	TIME	min			
15:00 - 16:00 Light: Context and envelope					
	Chair:		Luisa	Brotas	
1	15.00 - 15.1	10	1579	John Mardaljevic	Envelope first / Inside later: Aperture Sunlight and Skylight Indices
2	15.10 - 15.1	5	565	Paola Jara Cerda	Toward new design of laser cut panels for scattering of sunlight at high latitudes.
3	15.15 - 15.2	10	1209	Jeannette Roldan Rojas	Daylight performance depending on the atrium geometry conditions within buildings in Santiago de Chile
4	15.25 - 15.3	5	327	Ahmad Kobi	Using Solar Screens in School Classrooms in Hot Arid Areas: The Effect of Different Aspect Ratios on Daylighting Levels
5	15.30 - 15.4	10	925	Fernando Pereira	The influence of building's volumetry and urban configuration in the indoor environment daylight availability
6	15.40 - 15.4	5	1055	Safa Daich	Effects of Anidolic Integrated Ceiling in interior daylight distribution for deep spaces under high exterior illuminance levels
7	15.45 - 15.5	10	821	Eleonora Brembilla	Evaluation of Daylighting Performance in a Retrofitted Building Façade
8	15.55 - 16.0	5	676	Agam Shah	Impact of compliance to Annual Solar Exposure requirements as per LEED v4 on Fenestration Design for Indian Context
16:00 - 17:00 Light: Visual and Impact					
	Chair:		John	Mardaljevic	
9	16.00 - 16.0	5	655	Elina Triantafyllidou	Low Carbon Daylighting Design: Proposal of an Innovative Daylighting Ceramic Façade System
10	16.05 - 16.1	10	1117	Jan Wienold	Annual glare evaluation for fabrics
11	16.15 - 16.2	5	1191	Maryam ElSharkawy	Parametric Configuration of Window Light Shelves for Daylighting of Hospital Patient Rooms under a Desert Clear Sky
12	16.20 - 16.3	10	200	Masanori Shukuya	An Experimental Investigation on the Adaptive Luminous Comfort in the Built Environment
13	16.30 - 16.3	5	789	Toufik Mezerdi	A comparative study between digital and scale model simulations of a luminous environment under a sunny clear sky
14	16.35 - 16.4	10	756	Villian Wing Lam Lo	An Occupant's Role-Specific Approach to Identifying Lighting Parameters for Concert Performances in Cambridge King's College Chapel
15	16.45 - 16.5	5	230	Ayman Wagdy	Multi Region Luminance-Based Contrast Method for Assessing Visual Comfort
16	16.50 - 17.0	10	365	Eduardo Krüger	Visual Perception and Daylight Variables: Experiments in a Climate Chamber