

LIGHTS2020 Conference Programme

VIRTUAL ROOM A		
09:15-10:00	Test connections-links	
Opening Session Chair: Stelios Zerefos		
<i>Time</i>	<i>Title</i>	<i>Speaker</i>
10:00-10:10	Welcome to LIGHTS2020	Stelios Zerefos
10:10-10:20	Hellenic Open University	Odysseus Ioannis Zoras
10:20-10:30	Nordic Urban Lab	Trevor Davies
10:30-10:45	The ECOSLIGHT project	Spiros Borotis
10:45-10:50	BREAK	
Keynote Speech Chair: Aris Tsangrasoulis		
<i>Time</i>	<i>Title</i>	<i>Keynote Speaker</i>
10:50-11:15	Integrated Lighting, Daylighting & HVAC Controls for Comfort & Energy Efficiency	Kostas Papamichael
Session A1 Theme: Daylighting Chair: Aris Tsangrasoulis		
<i>Time</i>	<i>Title</i>	<i>Speaker</i>
11:15-11:30	Kinetic Facades for the exploitation of daylighting	Antonios Tamkatzoglou, Ioanna Symeonidou
11:30-11:45	Impacts of a prototype active sunlight redirection system on daylighting and energy balance of office spaces	Antonis Kontadakis, Lambros Doulos and Aris Tsangrasoulis
11:45-12:00	Design of Skylights ofr the transfer of natural light in underground spaces	Aggelos Tzortzis, Aris Tsangrasoulis, Theodora Antonakaki
12:00-12:10	Questions/interaction	ALL
12:10-12:25	BREAK	
Session A2 Theme: Human factors in Lighting Chair: Sophia Sotiropoulou		

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<i>Time</i>	<i>Title</i>	<i>Speaker</i>
12:25-12:40	Light as a design tool for children with Autism Spectrum Disorders in educational spaces	Eleni Georgiadou and Christina Skandali
12:40-12:55	Lighting Design for the visually impaired`	Eleni Patroni
12:55-13:10	Lighting Design in Preschool Center versus Lighting Design in Retirement Home	Maria Brasinika and Katerina Skalkou
13:10-13:20	Questions/interaction	ALL
13:20-13:45	BREAK	
Keynote Speech		Chair: Frangiskos V. Topalis
<i>Time</i>	<i>Title</i>	<i>Keynote Speaker</i>
13:40-14:05	Frontiers in Lighting Systems Technology: Toward the human-centric intelligent lighting era.	Georges Zissis
Session A3	Theme: Lighting Technology and Metrics	Chair: Frangiskos V. Topalis
<i>Time</i>	<i>Title</i>	<i>Speaker</i>
14:05-14:20	Light flicker health issues and metrics: a critical review	Athanasios Kotsenos and Anastasios Dimitrakis
14:20-14:35	Multi-angle lighting measurements of outdoor installations using unmanned aerial systems	Constantinos A. Bouroussis and Frangiskos V. Topalis
14:35-14:50	The Evolution of Color Rendering	Anastasios Dimitrakis and Athanasios Kotsenos
14:50-15:05	Algorithm for specifying the influence of geometrical and other parameters to the light reflected on surfaces	Asterios Tolidis
15:05-15:20	Chaotic phenomena in LED driver circuits	Elias Tsirbas, Evangelos Skoubris and Frangiskos V. Topalis
15:20-15:30	Questions/interaction	ALL
15:30-15:40	BREAK	

VIRTUAL ROOM B		
Session B1		
Theme: Lighting and Heritage		Chair: Dorina Moullou
<i>Time</i>		
<i>Title</i>		<i>Speaker</i>
10:50-11:05	Exterior lighting and collective memory: the case of coastal areas.	Hara Sigala and Gourgioti Aggeliki
11:05-11:20	Light qualities of Ancient Greece: a contemporary approach for the lighting design of archaeological & cultural heritage	Athena Sivi and Nikos Trivyriadakis
11:20-11:35	Emerging from oblivion. Accent Lighting for the Castle of Levadia.	Loukas Angelis, Dorina Moullou and Hara Sigala
11:35-11:45	Questions/interaction	ALL
Keynote Speech		
		Chair: Stelios Zerefos
<i>Time</i>		
<i>Title</i>		<i>Keynote Speaker</i>
11:45-12:10	From Light to Life and Back	Anna Sbokou
12:10-12:25	BREAK	
Session B2		
Theme: Lighting and Environment		Chair: Stelios Zerefos
<i>Time</i>		
<i>Title</i>		<i>Speaker</i>
12:25-12:40	«Facade lighting of historic buildings concerning the consequences on light pollution»	Militsa Tomasovits, Lambros Doulos, Stelios Zerefos and Thanos Balafoutis
12:40-12:55	Planning an International Dark-Sky Place in Aenos National Park: The first steps	Andreas Papalambrou, Lambros Doulos, Georgios Drakatos, Michail Xanthakis, Panagiotis Minetos and Anastasia-Eleni Magoula
12:55-13:10	Lighting Design as a sustainable parameter in International Building Green Certificates	Ioannis Panagiotopoulos

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13:10-13:25	Sustainable Light Design. A Greek School Building as a Case Study	Chrysoula Fragkouli, Katerina Skalkos and Theodora Antonakaki
13:25-13:40	The effect of artificial lighting on plant growth	Konstantinos Christodoulou, Lambros Doulos, Sophia Sotiropoulou
13:40-13:50	Questions/interaction	ALL
13:50-14:05	BREAK	
Session B3		
Theme: Lighting and Art		Chair: Veroniki Korakidou
<i>Time</i>	<i>Title</i>	<i>Speaker</i>
14:05-14:20	Electronic art in the 20th century. The case of Frank J. Malina A STEAM methodology educational program for primary school children	Kiriaki Genitsaridou
14:20-14:35	Bioluminescence in contemporary art and lighting design:advantages and limitations	Veroniki Korakidou
14:35-14:50	REFLECTIONS A reference on the work of Nicolas Schöffer through contemporary trends and applications in Light Art	Eftychia Gianniou
14:50-15:05	Lighting and procedures for creating a suitcase theater performance. The theater out of its conventional space - street theater	Panagiotis Nikolidakis, Thanos Balafoutis, Ioannis Skopeteas
15:05-15:20	Theorising and evaluating film lighting	Ioannis Skopeteas
15:20-15:30	Questions/interaction	ALL
15:30-15:40	BREAK	
Closing Remarks		Chair: Stelios Zerefos
<i>Time</i>	<i>Title</i>	<i>Speaker</i>
15:45-16:15	Reflections on the Conference and closing remarks	Stelios Zerefos