

INTERNATIONAL CONGRESS LIGHTS ON... CULTURAL HERITAGE AND MUSEUMS!

PROGRAM

LAYOUT

	19.07.2015 (Sunday)	20.07.2015 (Monday)	21.07.2015 (Tuesday)	22.07.2015 (Wednesday)		
08:30		RECEPTION. CHECK IN				
09:00		OPENING SESSION	THEMATIC SESSION			
09:30		THEMATIC SESSION	Oral presentations			
10:00	Oral presentations	POSTER SESSION		10:00	WORKSHOPS	
12:30				12:30		
14:30	SOCIO-CULTURAL ACTIVITIES	THEMATIC SESSION	THEMATIC SESSION	14:30	WORKSHOPS	
		Oral presentations	POSTER SESSION	Oral presentations	17:00	
18:00						
18:30		SOCIO-CULTURAL ACTIVITIES		CLOSING SESSION		
			SOCIO-CULTURAL ACTIVITIES			

THEMATIC SESSIONS – PRESENTATIONS | ORAL

20.07.15 | ROOM: ANFITEATRO NOBRE (GROUND FLOOR)

08:30	Reception. Check In	
09:00	Opening Session	
	SESSION I - SCIENCE OF VISION. THE PERCEPTION OF COLOUR AS A FUNCTION OF ILLUMINATION	
	MODERATOR: John Scott	
09:30	Luís Miguel Bernardo	Physical Principles on the Illumination of Displayed Museum Objects
10:00	<u>Sérgio MC Nascimento</u> , Osamu Masuda	Experiments to Determine the Best Lighting for Appreciation of Artistic Paintings
10:15	Miguel Neiva	ColorADD, Color is for All
10:30	Questions & Answers. Debate	
10:45	Coffee break	

	SESSION II – BUILT ENVIRONMENT. LIGHTING SYSTEMS. REQUIREMENTS, SOLUTIONS AND TRADITIONS	
	MODERATOR: Gonalo Byrne	
11:00	Joo Perno	Light and Colour in the Built Environment
11:30	<u>Melanie Eibl</u> , Andreas Burmester	From Dark to Light. Modelling 175 Years of Museum Lighting at the Alte Pinakothek in Munich
11:45	<u>Helena Cmara Lac Brando</u> , Fernanda Ferreira Bressane, Gabriella Teixeira Carneiro, Andredza Gagliano Vieira	Lighting System of Rui Barbosa Residence: The Artificial Light History Present in Historic House Museums
12:00	Questions & Answers. Debate	
12:30	Lunch break	
	SESSION III – BUILT ENVIRONMENT. LIGHTING SYSTEMS. REQUIREMENTS, SOLUTIONS AND DEVELOPMENTS	
	MODERATOR: David Thickett	
14:30	Rob van Beek	Electric Light in Historic Interiors with Particular Reference to the Outphasing of Incandescent Light Sources

15:00	<u>Jan van Loon</u> , Allard de Graaf	Technological Breakthrough in Electrical Candle Lighting
15:15	Mario Gsellmann	Soraa's Gan-on-Gan Technology LED Lamps Used in Museums
15:30	Questions & Answers. Debate	
16:00	Coffee break	
	SESSION IV – BUILT ENVIRONMENT. LIGHTING SYSTEMS. REQUIREMENTS, SOLUTIONS AND SUSTAINABILITY MODERATOR: João Pernão	
16:15	Boris Pretzel	Sustainable Lighting in Museums
16:45	<u>Arlindo Leite</u> , Celso Mesquita, Isabel Fernandes	Paço dos Duques de Bragança: Improving the Lighting System to Reduce Costs
17:00	Gonçalo Byrne	Natural and Artificial Light at the National Museum Machado de Castro
17:15	<u>Banu Manav</u> , Handan Güzelci	Transparency-Light and Time at Museums
17:30	Questions & Answers. Debate	

21.07.15 | ROOM: ANFITEATRO NOBRE (GROUND FLOOR)

SESSION V – LIGHTS AND COMMUNICATION AND MEDIATION		
		MODERATOR: Matija Strlič
09:00	Guillaume Galloy	Lighting Old Masters and Innovating with Light: Rijksmuseum and Boerhaave
09:30	Suzana Faro	COMMUNICATE. Museu dos Transportes e Comunicações, Alfândega – Porto
09:45	José Nuno Sampaio	Lights on... Public Place
10:00	Questions & Answers. Debate	
10:30	Coffee break	
SESSION VI – HERITAGE AND LIGHTS. INTERACTIONS FOR CHARACTERIZATION AND PERCEPTION		
		MODERATOR: Jonathan Ashley-Smith
10:45	<u>Tiago Dias</u> , Catarina Miguel, Elsa Murta, Cristina Dias, Vítor Serrão	Fade In, Fade Out. Light Induced Colour Changes on Varnishes Over Silvered Surfaces Reproduced From Historical Recipes

11:00	<u>Tomasz Łojewski</u> , Damian Chlebda, Witold Zawadzki	Assessment of Spectral Changes of Inks by Hyperspectral Imaging
11:15	Lee Drake	Qualitative & Quantitative: The Many Faces of XRF
11:30	<u>Jens Stenger</u> , Narayan Khandekar, Ramesh Raskar, Ankit Mohan, Santiago Cuellar, Rudolph Gschwind	Non-invasive Color Restoration of Mark Rothko's Harvard Murals Using Light from a Digital Projector
12:00	Questions & Answers. Debate	
12:30	Lunch break	
	SESSION VII – HERITAGE AND LIGHTS. INTERACTIONS FOR DOCUMENTATION AND PERCEPTION	
		MODERATOR: Jens Stenger
14:30	Matija Strlič	The Heisenberg Principle of Heritage
15:00	<u>Hendrik Hameeuw</u> , Vanessa Boschloos, Luc Delvaux, Marc Proesmans, Bruno Vandermeulen, Athena Van der Perre	The Combined Use of IR, UV and 3D-Imaging for the Conservation and Study of Small Decorated and Inscribed Artefacts
15:15	<u>Ricardo Marroquim</u> , Daniel Coutinho, Marcus Granato	Digitizing 3D Historical Scientific Instruments With Laser and Photographic Technologies

15:30	Natalie Brown, Carolien Coon, Nanette Kissi, Daniel Garside, Yun Liu, Lucie Fusade, Scott Allan Orr, E. Keats Webb	Public Perception of the Interaction Between Light and Heritage Objects
15:45	Questions & Answers. Debate	
16:15	Coffee break	
	SESSION VIII – INTEGRATED RISK MANAGEMENT. PREVENTIVE CONSERVATION <p style="text-align: right;">MODERATOR: Paula Menino Homem</p>	
16:30	Jonathan Ashley-Smith	Risk Management: Fashion and Uncertainty
17:00	<u>Christel Pesme</u> , Renée Riedler	Using LED Light Source and Microfader: Exploring How it Can Help Improving Implementing Lighting Policy
17:15	Anna Starkey	<i>Lightening the Levels</i> - Controlling Daylight in Challenging Spaces
17:30	David Thickett	Managing Natural Light in Historic Properties
17:45	Questions & Answers. Debate	
18:00	Closing Session	

THEMATIC SESSIONS – PRESENTATIONS | POSTER

20 - 21.07.15 | ROOM: HALL NEXT TO ANFITEATRO NOBRE (GROUND FLOOR)

	SESSION I - SCIENCE OF VISION. THE PERCEPTION OF COLOUR AS A FUNCTION OF ILLUMINATION	
P.1	Marisa Monteiro, M. João Carvalhal	Ophthalmic Instruments in a Museum of Science
	SESSION II – BUILT ENVIRONMENT. LIGHTING SYSTEMS. REQUIREMENTS, SOLUTIONS AND TRADITIONS	
P.2	Graça silva	Electro-Ceramics Candal, V.N. Gaia. The Production of Electrical Apparatus
	SESSION V – LIGHTS AND COMMUNICATION AND MEDIATION	
P.3	Pedro da Silva	Using 3D Models in Museums - The Potential Case of "Castro de Romariz 3D" Project
P.4	Rodrigo Nicolau Almeida	Le(a)ds on Light - Preliminary Note on the Social Role of Light

SESSION VI – HERITAGE AND LIGHTS. INTERACTIONS FOR CHARACTERIZATION AND PERCEPTION		
P.5	Alfredo Araújo, Simão Morgado, César Oliveira	Lights On – Chromatographic Analysis on Roman Open Lamps
P.6	Marco Afonso, César Oliveira, Paula Menino Homem, Alfredo Araújo	Research on the Ceramic Lamps of the Natural History Museum Egyptian Collection, University of Porto
P.7	Natalie Brown, Tom Fearn, Dirk Lichtblau, Matija Strlič	Non-destructive Material Characterisation of Chinese Paper using Near Infrared Spectroscopy
P.8	Yun Liu, Matija Strlič, Konstantinos Ntanos, Nancy Bell	Use of Near-infrared Spectroscopy in the Development of Dose-response Function for Paper Containing Iron Gall Inks
SESSION VII – HERITAGE AND LIGHTS. INTERACTIONS FOR DOCUMENTATION AND PERCEPTION		
P.9	Alia Vázquez Martínez, Benito Vilas Estevez, Miguel Carrero Pazos, Eleni Kotoula	New Techniques for Rock Art Recording: Comparative Analysis of Radiance Scaling and Virtual RTI
P.10	E. Keats Webb	Three-dimensional & Infrared Imaging for Object Documentation
P.11	Tomasz Łojewski, Łukasz Lasyk	Automatic Reading of Documents with a New Type of a Multispectral Scanner

	SESSION VIII – INTEGRATED RISK MANAGEMENT. PREVENTIVE CONSERVATION	
P.12	Rita de Cássia Doria	Ultraviolet Irradiation on Coverage Woods for Biodeterioration Control: Contribution to the Preservation of Historic Buildings

WORKSHOPS

22.07.15 |

REF.	ROOM	AUTHOR(S)	TITLE
W.1	FLUP Sala de Reuniões 2 nd Floor	Hendrik Hameeuw	Multi-light Reflectance Technologies: The RTI and PS Techniques for Museum Collections and Field Work
W.2	FLUP LabCR 4 th Floor	Giancarlo Parma	Workshop for Conservation: Microscopy and Documentation 2D/3D Measurements for Surface Characterization
W.3	CEMUP http://www.cemup.up.pt	Carlos Sá	On the Application of X-rays for Research and Characterization of Cultural Heritage Objects / Materials
W.4	FLUP Room 201 2 nd Floor	Lee Drake	X-ray Fluorescence: Principles and Practice
W.5	FLUP Room 203 2 nd Floor Romantic Museum www.cm-porto.pt	David Thickett Boris Pretzel	Using Natural Light in Historic Properties
W.6	FLUP Room 202 2 nd Floor	Jacob Thomas Tomasz Łojewski	Microfading Testing: A Tool for Informed Policy Development and Materials Testing