

## **INDEX**

**Pietro ZENNARO** Preface

### **SESSION 1 - Historical and/or Contemporary Architecture**

**Flavio ZANON** Chromatic Experimentations in the Architectural Restoration of the «Palace of Minos» at Knossos

**Elza TANTCHEVA** Colour and Light in the Post-Byzantine Church Architecture in the Town of Arbanassi, Bulgaria

**Stephen KITE** John Ruskin (1819-1900) and Adrian Stokes (1902-1972): Venice and the Architecture of Colour-Form

**Asghar JAVANI, Zahra JAVANI, Mohammad Reza MOSHKFOROUSH** Studying Relationship Between Applications of Light and the Iranians Pattern of Thought (the Iranian Ideology)

**Sajid-Bin DOZA** Terracotta Mosque of Bengal: Making Dialogue with Colour and Light

**Anastasia BATOVA** Light in Typical Architecture

**Julian RENNIE** Silenced by Coloured Light

**Manuela PISCITELLI** Light Patterns

**Barbara P. JEKOT** Colour and Light as Identity and Cultural Diversity - Deliberate Applications of Colour & Light in Varied Environments & Cultures

**Anna BARBARA** Timer Design: Light and Color in the Interaction with Time

**Ann VERDONCK** New Approaches of Modern Living: the Use of Extreme Colourschemes in Interior Environments

**Justyna TARAJKO-KOWALSKA** Red Colour & Light in Architecture

**Mari FERRING** Architectural Polychromy in the 1970's - from Community Grey to Personal Pink

**Pierre BONNEFILLE** Colour Becomes Texture in Light

### **SESSION 2 - Colour and/or Light Planning and Mapping**

**Susanna BORTOLOTTI, Mauro CECANELLO, Davide SPALLAZZO, Margherita BERTOLDI** Urban Conservation and Colour Project: Virtual Reality Supporting Tradition for the Protection of Historic Center of Lomello

**Pinuccio SCIOLA, Daniele SPIGA, Manuela SERRA** Colore identità: Valorization of the Historic Urban Centre of San Sperate (CA) Sardinia

**José AGUIAR, João PERNÃO** Colour and Participative Process in Urban Requalification. Colour Studies for Social Housing in Portugal

**Aitziber IRISARRI, Ana TORRES, Ángela GARCÍA** Light and Colour in Urban Spaces. The Alhóndiga Plan of Vitoria-Gasteiz

**Giovanni BRINO** From the Colour Plans to the Restoration of Historical Painted Facades. An Introduction to an up-to-date Practical Manual

**Yves CHARNAY** Works of Light Integrated into Architecture Light, Colour and Architectural Expression

**João PERNÃO** The “Otherness” of White. Elements for a Better Understanding and Use of the Colour White in Architecture

**Cecilia HÄGGSTRÖM** Colour Design Effects on the Visibility of Shape. Exploring Shape Defining Design Concepts in Architectural Theory and Practice

**Susanne SEITINGER, Anne BEAMISH** Designing for the Urban Night: an Interdisciplinary Course on Lighting, Technology and Urban Design

**Banu MANAV, Rana KUTLU, Mehmet S. KÜÇÜKDOĞU** The Effects of Color and Light on Space Perception

**Carmine GAMBARDELLA, Laura CARLOMAGNO** Tangible/Intangibile Colour

**Peter BARRETT** Creating Sensory-Sensitive Creative Spaces

**Rossella MASPOLI** Colours and Cultures on Contemporary Public Space Design

**Kiwamu MAKI** Effect of Interaction of Object Color and Lighting Color on a Person’s Impression of Interiors

**Johanna ENGER** Dynamic Colours in Dynamic Light

**Annika KRONQVIST** The Influence of the Lighting Environment on Performance and Well-Being in Offices

**Margaret Maile PETTY** Fluorescent Fields: Electric Lighting and the Rationalization of the Modern Corporate Workplace

### **SESSION 3 - Chromatic and/or Lighting Information**

**Pierre AUBOIRON** Yann Kersalé. When Light Reveals the Phenomenological Complexity of a Building

**Karin FRIDELL ANTER, Ulf KLARÉN SYN-TES:** Human Colour and Light Synthesis. Towards a coherent field of knowledge

**Enrico DASSORI, Renata MORBIDUCCI** Non-destructive Methods for Chromatic Investigation of Building Facades

**Birgit SCHULZ** 24 Hours in the Backyard – a Transcript of Urban Light and Colour Observations

Simone ARCAGNI Media Architectures and Urban Screens as New Media:Forms, Places and Spectatorship

Oliver SCHÜRER A new urban mass medium?

Oliver EBERT MEDIA FACADES GO GREEN Sustainable approach and its impact on media content as part of a company's communication strategy

Ulrika WÄNSTRÖM LINDH Spatial Interpretations in Relation to Designer Intentions: A Combined Strategies Study in an Auditorium with Variable Lighting

Anat LECHNER, Leslie HARRINGTON, Emanuela FRATTINI MAGNUSSON A Meta-Analysis of Color Effectiveness in Designed Environments

Emanuela LAURI An Experience to Improve Visual Perception and Information About Urban Colors

#### **SESSION 4 - Innovation for Architecture and/or the Environment**

Isabel VILLAR Are New Light Sources Affecting our Creativity?

Monica SÄTER Colour and Light and the Human Area for Visual Comfort

Markus REISINGER, Chia-Chun LIU Considerations for Planning Colored Lighting

Ru ZARIN, Daniel FALLMAN Ambient Interactive Architecture: Enriching Urban Spaces with Low-cost, Lightweight Interactive Lighting

Xavière OLLIER, Vanessa LEHNER, Domitille CHAVIGNY Work Together Colorist and Lighting Designer, from the Material to the Immaterial

Giovanni TRAVERSO, Paola VIGHY Space Made Light. An innovative Symbiosis of Light and Architecture

Anja Margrethe BACHE Large Scale Glazed Concrete Panels. A Dialogue with Architecture

Barbara MATUSIAK, Toshiki AOKI, Randi PEDERSEN Light Cone in the Norwegian Office Building, Statoil at Stjørdal

Daniel VAZQUEZ-MOLINÍ, Gabriel HERNÁNDEZ RABOSO, María NOMBELA PALOMO, Antonio ALVAREZ FER327 NANDEZ-BALBUENA, Teresa GIL, Guillermo ENRÍQUEZ DE SALAMANCA, Juan A. HERRÁEZ, Pilar SEDANO, M. Dolores GAYO New Daylight Damage Calculation Methodology Applied to Museums

Paola IACOMUSSI, Giuseppe ROSSI Innovative Optimised Lighting Systems for Works of Art

Daniel VAZQUEZ-MOLINÍ, Antonio ALVAREZ FERNANDEZ-BALBUENA, Angel GARCIA BOTELLA, Juan Antonio HERRAEZ, Marian DEL EGIDO, Roberto ONTAÑON Advanced LED Lighting System Applied to Cultural Heritage

Maria Cristina MUNARI PROBST, Andreas SCHUELER, Christian ROECKER Bringing Colours to Solar Collectors: a Contribution to an Increased Building "Integrability"

Carla LOBO Ceramic Tiles: A Sustainable Architectural Skin

**Antonio ALVAREZ FERNANDEZ-BALBUENA, Daniel VAZQUEZ-MOLINÍ, Berta GARCÍA-FERNANDEZ, Lucas GARCÍA-RODRÍGUEZ, Teresa GALÁN-CAÑESTRO** Daylight Illumination System By Vertical Transparent Prismatic Lightguide for an Office Building

**Lone STIDSEN, Poul Henning KIRKEGAARD, Anna Marie FISKER, Jakob SABRA** Design Proposal for Pleasurable Light Atmosphere in Hospital Wards

### **PAPER SESSION - Historical and/or Contemporary Architecture**

**Fiorenzo BERTAN** A Small Pavilion for Books

**Luisa COGORNO, Michela MAZZUCHELLI** Maquettes, drawings, colors in the stained glass windows of Marc Chagall and Henri Matisse

**Irene DE LA TORRE** Architectural ceramics and color: The convent of Santa Clara in Xativa

**Liesbeth DEKEYSER, Ann VERDONCK, Hilde DE CLERCO** Cimorné plaster: a colourful and luminous cladding

**Lucilla MANNA** Problems concerning the colour in facades and coverings rehabilitation

**Nanet MATHIASSEN** Place and Space – Architectural Daylight Design in Traditional Housing in Northern and Southern Regions of Europe

**Milena PETROVA** Artistic Lighting of an Architectural-and-Park Complex

**Franca PITTALUGA** Daylight traps for intriguing spaces

**Michela SCAGLIONE** The representation of colours in contemporary architecture: contemporary architects/designers drawings

**Giuseppina SCAVUZZO** Compositions For Chromatic Keyboards. Colour and composition in Le Corbusier's works

**Juan, SERRA, Jorge LLOPIS, Aitziber IRISARRI** Ruskin revisited: “material truth” and color in contemporary architecture

**Pietro ZENNARO** Towards an Architecture of Chromatic Immateriality

### **PAPER SESSION - Colour and/or Light Planning and Mapping**

**Antonio ALVAREZ FERNANDEZ-BALBUENA, Daniel VAZQUEZ-MOLINÍ, Berta GARCÍA-FERNANDEZ, Eusebio BERNABEU** Antiglare Traffic Signal by Natural Lighting

**Cristina BOERI** A perceptual approach to the urban colour reading

**Elif HELVACIOĞLU, Nilgün OLGUNTÜRK** Colour and wayfinding

**Giovanna A. MASSARI, Fabio LUCE, Cristina PELLEGGATTA** Is colour a code? Notes to a design project of a landscape

**Debora NIERO, Alessandro PREMIER** Colour in the Schools

**Elif ÖZTÜRK, Semiha YILMAZER** An Experimental Study on Task Performance in Office Environment Applied with Achromatic and Chromatic Color Scheme

**Silvia RIZZO** Development of intuition skills about light/color relations

**PAPER SESSION - Chromatic and/or Lighting Information**

**Alessio CARDACI, Antonella VERSACI** Through the eye of the 3D laser scanner: the digital colors of the historic city of Enna

**Emanuela CHIAVONI** The representation of colour and light in architecture through watercolours

**Katia GASPARINI** Colour and lighting technologies for media facade

**Alessandro ROGORA, Paola LEARDINI** Light and color in architecture: a shared experience between Scandinavia and the Mediterranean

**Michela ROSSI** Geometry, shape and colour in design: Reseach notes from historic colour theory

**PAPER SESSION - Innovation for Architecture and/or the Environment**

**Fabio G. S. GIUCASTRO** Natural light and energy efficiency in built environment. From the traditional Mediterranean house to DSCs

**Alessandro PREMIER** Color-Shading Software: New Tools for Chromatic Integration Between Shading Systems and Built Environment

**Melanie YONGE** Colour conversations & collaborations with colour tools