Colours and cultures on contemporary public space design

Original
Colours and cultures on contemporary public space design / Maspoli R.. - STAMPA. - (2010), pp. 193-198. ([Intervento presentato al convegno Colour and Light in Architecture tenutosi a Venezia nel 11-12 November 2010.

Availability:
This version is available at: 11583/2412917 since:

Publisher:
Knemesi

Published
DOI:

Terms of use:
openAccess
This article is made available under terms and conditions as specified in the corresponding bibliographic description in the repository

Publisher copyright

(Article begins on next page)
This publication includes papers, lectures and abstracts presented in the INTERNATIONAL CONFERENCE “Colour&Light in Architecture” held in Palazzo Badoer, San Polo 2468, 30125 Venice, 11-12 November 2010 organized by the IUAV Research Unit “Colore e luce in architettura” web Conference: www.iuav.it/colour&light

Editor proceedings: Pietro Zennaro
Iuav University of Venice, Faculty of Architecture

548 pp., 21x21 cm
Graphic design: Katia Gasparini
Assistant in edition: Alessandro Premier
copyright 2010 © Pietro Zennaro
The rights of every author’s essays are preserved. Every author is also responsible of the whole content of his paper.

This book is a scientific publication, not saleable and printed in limited edition.
No article in this book may be reproduced in any form by electronic or mechanical means without permission in writing from the author. Every economic use of the content of this book is forbidden.


Edited in Italy by Knemesi, www.knemesi.com
Printing: Cierre Gruppo Editoriale -Sommacampagna, VR, Italy-, www.cierrenet.it
October 2010
International Conference

Colour and Light in Architecture

11-12 November 2010

Proceedings

Pietro Zennaro
editor
General Chair and Scientific Board Referee:
Pietro Zennaro (pietro.zennaro@iuav.it)

Scientific Iuav Coordinator:
Katia Gasparini (katia.gasparini@iuav.it)

Organization Coordinator:
Alessandro Premier (alessandro.premier@iuav.it)

International Advisory Board
Kathrin Moore
Moore Urban Design, San Francisco, USA

Scott McQuire
The University of Melbourne, Australia

Morpho Papanikolau
Sparch, Thessaloniki, Greece

José Morales Sánchez
Escuela Técnica Superior de Arquitectura, Seville, Spain

Dominique Coulon
Ecole d’Architecture de Strasbourg, France

Jean Luc Capron
Université catholique de Louvain, Bruxelles, Belgium

Margarida Gamito
CIAUD, Lisbon Technical University, Lisbon, Portugal

Patrizia Falzone
Genua University, Italy

Franca Pittaluga
Iuav University of Venice, Italy

Fabrizio Schiaffonati
Milan Polytechnic, Milan, Italy

Pietro Zennaro
Iuav University of Venice, Italy

IUAV Advisory Board
Valeria Benacchio
Fiorenzo Bertan
Gian Camillo Custoza
Giulio Dubbini
Katia Gasparini
Nicola Pegolo
Franca Pittaluga
Alessandro Premier
Giuseppina Scavuzzo
<table>
<thead>
<tr>
<th>Page</th>
<th>Author(s)</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>Pietro ZENNARO</td>
<td>Preface</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>SESSION 1 - Historical and/or Contemporary Architecture</strong></td>
</tr>
<tr>
<td>19</td>
<td>Flavio ZANON</td>
<td>Chromatic Experimentations in the Architectural Restoration of the «Palace of Minos» at Knossos</td>
</tr>
<tr>
<td>25</td>
<td>Elza TANTCHEVA</td>
<td>Colour and Light in the Post-Byzantine Church Architecture in the Town of Arbanassi, Bulgaria</td>
</tr>
<tr>
<td>32</td>
<td>Stephen KITE</td>
<td>John Ruskin (1819-1900) and Adrian Stokes (1902-1972): Venice and the Architecture of Colour-Form</td>
</tr>
<tr>
<td>39</td>
<td>Asghar JAVANI, Zahra JAVANI, Mohammad Reza MOSHKFOROUSH</td>
<td>Studying Relationship Between Applications of Light and the Iranians Pattern of Thought (the Iranian Ideology)</td>
</tr>
<tr>
<td>47</td>
<td>Sajid-Bin DOZA</td>
<td>Terracotta Mosque of Bengal: Making Dialogue with Colour and Light</td>
</tr>
<tr>
<td>55</td>
<td>Anastasia BATOVA</td>
<td>Light in Typical Architecture</td>
</tr>
<tr>
<td>60</td>
<td>Julian RENNIE</td>
<td>Silenced by Coloured Light</td>
</tr>
<tr>
<td>66</td>
<td>Manuela PISCITELLI</td>
<td>Light Patterns</td>
</tr>
<tr>
<td>73</td>
<td>Barbara P. JEKOT</td>
<td>Colour and Light as Identity and Cultural Diversity - Deliberate Applications of Colour &amp; Light in Varied Environments &amp; Cultures</td>
</tr>
<tr>
<td>79</td>
<td>Anna BARBARA</td>
<td>Timer Design: Light and Color in the Interaction with Time</td>
</tr>
<tr>
<td>86</td>
<td>Ann VERDONCK</td>
<td>New Approaches of Modern Living: the Use of Extreme Colourschemes in Interior Environments</td>
</tr>
<tr>
<td>92</td>
<td>Justyna TARAJKO-KOWALSKA</td>
<td>Red Colour &amp; Light in Architecture</td>
</tr>
<tr>
<td>99</td>
<td>Mari FERRING</td>
<td>Architectural Polychromy in the 1970’s - from Community Grey to Personal Pink</td>
</tr>
<tr>
<td>105</td>
<td>Pierre BONNEFILLE</td>
<td>Colour Becomes Texture in Light</td>
</tr>
</tbody>
</table>
SESSION 2 - Colour and/or Light Planning and Mapping

115  **Susanna BORTOLOTTO, Mauro CECONELLO, Davide SPALLAZZO, Margherita BERTOLDI**

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

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

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

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

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

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

160  **Cecilia HÄGGSTRÖM**

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

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

179  **Carmine GAMBARDELLA, Laura CARLOMAGNO**
Tangible/Intangible Colour

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

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

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

206  **Johanna ENGER**
Dynamic Colours in Dynamic Light

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

218  **Margaret MAILE PETTY**
Fluorescent Fields: Electric Lighting and the Rationalization of the Modern Corporate Workplace
SESSION 3 - Chromatic and/or Lighting Information

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

235  Karin FRIDELL ANTER, Ulf KLARÉN  

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

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

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

256  Oliver SCHÜRER  
A new urban mass medium?

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

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

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

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

SESSION 4 - Innovation for Architecture and/or the Environment

281  Isabel VILLAR  
Are New Light Sources Affecting our Creativity?

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

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

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

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

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

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

320  Barbara MATUSIEN, Toshiki AOKI, Randi PEDERSEN  
Light Cone in the Norwegian Office Building, Statoil at Stjørdal
Daniel VAZQUEZ-MOLINI, Gabriel HERNÁNDEZ RABOSO, María NOMBELA PALOMO, Antonio ALVAREZ FERNANDEZ-BALBUENA, Teresa GIL, Guillermo ENRIQUEZ 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-MOLINI, 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-MOLINI, Berta GARCÍA-FERNANDEZ, Lucas GARCÍA-RODRIGUEZ, 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

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 CLERCQ  
Cimomé 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 PELLEGATTA
Is colour a code? Notes to a design project of a landscape

Debora NIERO, Alessandro PREMIER
Colour in the Schools

Elif ÖZTÜRK, Semih 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
Colours’ technology for the urban screens

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: Reseatch 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