



# VIII COLOR CONFERENCE

## 13-14 SEPTEMBER 2012 - BOLOGNA

[www.gruppodelcolore.it](http://www.gruppodelcolore.it)



ALMA MATER STUDIORUM  
UNIVERSITA' DI BOLOGNA

DIPARTIMENTO DI ARCHITETTURA  
E PIANIFICAZIONE TERRITORIALE



ALMA MATER STUDIORUM  
UNIVERSITA DI BOLOGNA  
FACOLTA DI INGEGNERIA

## VIII CONFERENZA DEL COLORE

13-14 September 2012 - BOLOGNA  
Università di Bologna, Engineering Faculty  
Viale Risorgimento, 2 - 40136 Bologna  
[www.gruppodelcolore.it](http://www.gruppodelcolore.it) - SIOF

Aim of the conference is to encourage multi and interdisciplinary aggregation of the research centres and people that deal with color and light from a professional and scientific point of view. Conference will be opened (in early morning) by a series of tutorials about different color related topic. Works will continue with the presentations of the submitted works.

### Themes Of Interest For The Conference

1. COLOR AND MEASUREMENT / PRODUCTION. Colorimetry, photometry and color atlas: method, theory and instrumentation.
2. COLOR AND DIGITAL. Reproduction, management, digital color correction, image processing, graphics, photography, printmaking, video production, artificial vision, virtual reality.
3. COLOR AND LIGHTING. Metamerism, color rendering, adaptation, color constancy, appearance, illusions, memory color and perception, color in extra-atmospheric environments, lighting design.
4. COLOR AND PHYSIOLOGY. Mechanisms of vision in their experimental and theoretical aspects, deficiencies, abnormalities, clinical and biological aspects.
5. COLOR AND PSYCHOLOGY. Phenomenology of color, perceptive, emotional, aesthetic and diagnostic aspects.
6. COLOR AND PRODUCTS. Foods and beverages, textiles, plastics, ceramics, paints.
7. COLOR AND RESTORATION. Archaeometry, painting materials, diagnostics and techniques of conservation, restoration and enhancement of cultural heritage, coloring and architectural syntax, territorial identities.
8. COLOR AND BUILT ENVIRONMENT. Urban planning, plans of color, architecture.
9. COLOR AND DESIGN. Furniture, design, fashion, textiles, graphics, communication, packaging, lettering, cosmetics.
10. COLOR AND CULTURE. Art, history, philosophy, anthropology, sociology, aesthetics, representation and design, lexicology, semantics.
11. COLOR AND EDUCATION. Pedagogy, color's didactics, aesthetic education, artistic education.

### Organizing Committee

Marco Gaiani  
Fabrizio Ivan Apollonio  
Maurizio Rossi

### Program Committee

Fabrizio Ivan Apollonio  
Federico Fallavollita  
Veronica Marchiafava  
Renata Pompas

## SCIENTIFIC COMMITTEE

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- Marino Bonaiuto | Sapienza Università di Roma, Italy
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- Veronica Marchiafava | IFAC-CNR, Italy
- Gabriel Marcu | Apple, USA
- Anna Marotta | Politecnico di Torino, Italy
- Gianfranco Marrone | Università di Palermo, Italy
- Berta Martini | Università di Urbino, Italy
- Stefano Mastandrea | Università degli Studi Roma Tre, Italy
- Giovanni Matteucci | Università di Bologna, Italy
- John McCann | McCann Imaging, USA
- Manuel Melgosa | University of Granada, Spain
- Paolo Mensatti | CRA-ING, Italy
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- Maurizio Rossi | Politecnico di Milano, Italy
- Paolo Salonia | ITABC-CNR, Italy
- Raimondo Schettini | Università degli Studi di Milano Bicocca, Italy
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- Stefano Tubaro | Politecnico di Milano, Italy
- Andrea Urland | Slovak Technical University in Bratislava, Slovakia
- Stephen Westland | University of Leeds, UK
- Alexander Wilkie | Charles University in Prague, Czech Republic

## WITH THE PATRONAGE OF:

- ADI - Associazione per il Disegno Industriale - Delegazione Emilia Romagna
- AIAP - Associazione Italiana Progettazione per la Comunicazione Visiva
- AIDI - Associazione Italiana di Illuminazione
- ANVER - Associazione Nazionale Verniciatori
- COMUNE DI BOLOGNA
- GIRPR - Gruppo Italiano Ricercatori Pattern Recognition
- IGIIC - Gruppo Italiano International Institute for Conservation
- SIOF - Società Italiana di Ottica e Fotonica
- UID - Unione Italiana per il Disegno

## IMPORTANT DATES

- 6 February 2012** | Abstract submission deadline (max 3000 character), Italian or English
- 20 February 2012** | Abstract acceptance notification
- 13 April 2012** | Papers final version deadline
- 18 May 2012** | Papers final version acceptance notification
- 05 June 2012** | Authors registration deadline
- 14 August 2012** | Cut fare registration
- 13-14 September 2012** | Conference

## CALL FOR PAPERS

Papers and abstracts sent by e-mail will not be accepted. For submission it is mandatory the usage of the on-line platform for the conference management EasyChair, available at the address:

<http://www.easychair.org/conferences/?conf=8cnc2012>

To submit abstract and/or papers it is necessary to register on the mentioned website for creating an EasyChair account or using your personal account if you are already registered. You only need to register once. For the first registration select “Signup for an account” in the first page and follow instructions. It’s important to submit complete data, filling the module with attention, especially giving valid e-mail in order to receive communications from the conference organization. If you are already registered the acronym to access the VIII Conference of Color is “8 CNC 2012”.

It is necessary that at least one of the authors of the accepted papers subscribe for the conference before 5 June 2012.

### **Abstract submission: before 6 February 2012**

For the submission of the sole abstract log in the EasyChair system with your username and password obtained through the registration process, and chose “New Submission” from the upper menu:

1. fill the authors data and check “Corresponding Author” to receive communications from the organization (at least 1 author per paper is needed);
2. insert the title and text of your abstract (maximum of 3000 characters) in the proper space (copy/paste from others software will work);
3. chose the topic of interest that match with the final paper. Choose the topic in Italian if the final paper will be written in Italian language, otherwise choose an English topic;
4. insert at least 3 key words concerning your abstract;
5. check “Abstract Only” before pressing “Submit” at the bottom of the page.

A confirmation mail will be sent to every corresponding author to confirm that the abstract has been successfully submitted to the organization. Before 20 February the organization will communicate if the abstract have been admitted for the consecutive submission of the full paper.

### **Submission of the admitted papers: before 13 April 2012**

Presentation may be oral or poster, authors are invited to express their preference at the beginning of the paper, the final decision however will be of the scientific committee. Papers, of a maximum of 8 pages (for each exceeding b/w page a fee of 50€ will be applied), including images, graph, tables and bibliography need to be formatted with the downloadable format from the website [www.gruppodelcolore.it](http://www.gruppodelcolore.it) in the Call for papers section. It is advisable to write directly in the given document or copy/pasting the text in this document using the Microsoft Word command “Paste Special” | “Not formatted text” to avoid to change margins and styles of the pre-formatted document. Conference proceedings will be with color, each submitted paper can have no more than 2 consecutive color pages (for each exceeding color page a fee of 100€ will be applied). B/w, grayscale and color image must have a 300 dpi resolution in RGB format. It is advisable to lighten dark images. The file must be in Microsoft Word 2003 .doc format (do not send .docx, .pdf, .rtf) and must be submitted with EasyChair system:

1. choose from “My Submissions” (or “Paper n°”) the paper of which the abstract has been already submitted (they are numbered if more than one has been uploaded);
2. on the upper right choose “Update information”;
3. in the following page select one of the nine categories (themes) of the conference;
4. click on “Change information” at the bottom of the page;
5. in the following page, on the upper right, choose “Submit a new version”;
6. in the following page select your .doc file with the command “Browse” and then press “Submit a New Version” to send the paper.

A confirmation mail will be sent to the flagged corresponding authors to confirm the successful submitting of your paper.

## EARLY PROGRAM

13 | 09 | 2012

09:00 | Registrazione

09:30 - 13:00 | Invited talk e tutorial didattici

Jean-Luc Capron, Université Catholique de Louvain

*Impact of the Interaction between Colour, Light and Vision on the Perception of Spatial Boundaries*

Patrick Callet, École Centrale Paris

*From fundamental optical properties of materials to visual appearance: metals, alloys, gills, glasses, paints, photonics and biophotonics*

Berit Bergström, NCS, AIC President

*The Nature's Influence on Swedish Colour Design*

Christian Dietz, Konica Minolta Sensing Europe B.V.

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13:00 - 14:00 | intervallo

14:00 - 18:30 | sessioni

18:30 | assemblea soci Gruppo del Colore

14 | 09 | 2012

09:00 - 13:00 | sessioni

13:00 - 14:00 | intervallo

14.00 - 15.00 | sessione poster

15:00 - 18:30 | sessioni

## ENROLLMENT

La quota di iscrizione è comprensiva di iscrizione annuale per l'anno solare 2012 al Gruppo del Colore, una copia del CD degli atti, pranzo e coffee break. Il modulo per l'iscrizione al convegno sarà disponibile per la compilazione on-line sul sito [www.gruppodelcolore.it](http://www.gruppodelcolore.it) nella sezione Conferenza 2012 dopo il marzo 2012. Non saranno accettate iscrizioni inviate per email.

### Application rate reserved to authors before 5 June 2012

Reduced €110

### Application rate before 14 August 2012

Reduced for students and PhD students €110

Members of patronizing association €110

Reduced for Paypal payments €110

### Application rate after 14 August 2012

Single rate for all €150

## Payment method

Payment can be done:

1. By bank transfer
2. By PayPal for those with a Paypal account
3. With Credit Card by PayPal without PayPal account

Bank coordinates and PayPal/Credit Card acces will be available on this website after March 2012.

## Local organizing office

Dr.ssa Teresa Velardi

Email: [teresa.velardi@unibo.it](mailto:teresa.velardi@unibo.it)

telefono: +39 051 2093161

## GdC Organizing Office C

Dr. Andrea Siniscalco

Email: [gruppodelcolore@gmail.com](mailto:gruppodelcolore@gmail.com)

## REACHING THE CONFERENCE

Engineering Faculty in Bologna is located in Viale del Risorgimento 2, in the Saragozza quarter.

Those who come from the train station can get to the Faculty by bus with line number 33 getting off to "Porta Saragozza" stop. Required time: about 20 minutes.

Those who arrive from outside Bologna by car, can leave the tangential at exit n. 5, Bologna Centro / Lame" direction, once reached the circumferential road, follow "Viale Silvani" to Porta Saragozza.

## ACCOMODATION

It is advised to book in large advance. While booking, make reference to the event (8th Color Conference). Following some agreed Hotels Bologna Art Hotels:

*Art Hotel Corona d'Oro*, Via Oberdan, 12

*Art Hotel Commercianti*, Via De'Pignattari, 11

*Art Hotel Novecento*, P.zza Galileo, 4/3

*Art Hotel Orologio*, Via IV Novembre, 10

*Hotel Internazionale*, Via Indipendenza, 60

*Hotel Metropolitan*, Via dell'Orso, 6

*Hotel Touring*, Via De' Mattuiani, 1/2

*Hotel Roma*, Via D' Azeglio, 9

*Hotel Donatello*, Via Indipendenza, 65

*Hotel Accademia*, Via delle Belle Arti, 6

*Hotel Re Enzo*, Via Santa Croce, 26

*Aemilia Hotel*, Via G. Zaccherini Alvisi, 16 (Tel 051 3940311, email [booking@aemiliahotel.it](mailto:booking@aemiliahotel.it))

## Booking:

Online booking at the webpage::

<http://www.bolognarthotels.it/offerta.aspx?CodeProm=12da3c7a-5ae5-413b-8254-1775dbbe6d25>

Or by phone, fax or e-mail with the booking office of Bologna Art Hotels referring to "8th Color Conference".

Tel. +390517457335, Fax +390517457336,

Email: [bolognarthotels@inbo.it](mailto:bolognarthotels@inbo.it); [arthotels2@inbo.it](mailto:arthotels2@inbo.it)