

In collaboration with:

SOVRAINTENDENCE FOR CULTURAL HERITAGE OF THE MUNICIPALITY OF ROME
SSML GREGORIO VII HIGHER SCHOOL OF INTERPRETERS AND TRANSLATORS

Patronage:

MIBAC - MINISTRY OF CULTURAL HERITAGE AND ACTIVITIES
AIDI - ITALIAN ASSOCIATION OF LIGHTING
APIL - ASSOCIATION OF LIGHTING PROFESSIONALS
ASSIL - ASSOCIATION OF LIGHTING MANUFACTURERS
ASSODEL - NATIONAL ASSOCIATION OF ELECTRONICS SUPPLIERS

Sponsors:

ARTEMIDE – ELETTROLAZIO – IGUZZINI – LINEA LIGHT GROUP – SLAMP

Technical sponsor:

ART & EVENT – GEPA – HUGE GROUP – ILM LIGHTING WORKSHOP

FUNDAMENTALS OF LIGHTING TECHNOLOGY, COLOR, AND VISUAL PERCEPTION

February 17-21, 2025

Lighting design is a complex topic involving many aspects: physics, eye physiology, psychophysical mechanisms of perception, optics, color theory, architecture, and material science. The first week of the workshop aims to provide the foundations needed to develop the skills required to enter the world of light, whether natural or artificial. Theoretical lessons on the physics of light and color, the functioning of the eye, the definition and measurement of lighting parameters, and exercises using the most common tools and applying calculation methods.

Workshop Audience

Professionals in the field, architects, engineers, installers, and technical promoters. For those wishing to deepen their knowledge of the fundamentals, an optional lesson is scheduled for Saturday morning, February 15, upon request.

**Faculty of Architecture piazza Borghese 9 Rome, top floor,
Master's Classroom and former Library
Online upon request**

SCHEDULE

Monday 17 9.00 AM -11.00 AM

Stefano CATUCCI, Director of MLD, Professor of Aesthetics, Sapienza University of Rome
"Space, Perception, and Reality"

11:15 AM- 1:15 PM/ 2:15 PM- 4.15 PM

Alessandro FARINI, PhD in Physics, Laboratory of Psychophysics and Vision Ergonomics, National Institute of Optics – CNR

"Light, Color, and Visual Perception"

Tuesday 18 9:30 AM - 12:30 PM/1:30 PM- 4:30 PM

Floriana CANNATELLI, Architect, Professor at ISIA, AANT, Pantheon Universities

"Perception Paths"

4:45 PM – 6:45 PM

Marco FRASCAROLO, Engineer and Lighting Designer, Researcher and Professor of Applied Physics, Faculty of Architecture, Roma Tre University

"Light, Art, and Visual Communication: A Path Towards Defining Fundamentals"

Wednesday 19 10:30 AM - 1:30 PM

Laura BELLIA, Professor of Environmental Applied Physics, University of Naples Federico II, President of AIDI

"From Vision to Photometry through Radiometry: Photometric Quantities and Their Calculation. Metrics for Evaluating Non-Visual Effects of Light"

3:00 PM – 6:00 PM

**Meeting at the Lighting Laboratory - Applied Physics and Technology Laboratory,
Department of Architecture, Roma Tre University, Largo Giovanni Battista Marzi 10**

Marco FRASCAROLO, Engineer and Lighting Designer, Researcher and Professor of Applied Physics, Faculty of Architecture, Roma Tre University

"Exercise"

Thursday 20 10:30 AM – 1:30 PM / 2:30 PM – 5:30 PM

Laura BELLIA, Professor of Environmental Applied Physics, University of Naples Federico II, President of AIDI

"From Vision to Photometry through Radiometry: Photometric Quantities and Their Calculation. Metrics for Evaluating Non-Visual Effects of Light"

Friday 21 10:00 AM – 12:00 PM

Maurizio DI PUOLO, Architect, Exhibit Designer, Founder and Director of Musarc until 2000, Professor of Museography and Exhibit Design at the Universities of Milan, Rome, Naples, and Ferrara

"Field Invasions"

1:00 PM – 3:00 PM **(Online)**

Aldo BOTTOLI, Perception Designer, Professor of Color Science at Raffles Institute of Fashion and Design Milan

"Notes on Everyday Dramaturgy Dedicated to Fragile Users"

3:15 PM – 5:15 PM (Online)

Lucia MIRARCHI, Architect and Light Designer

"Models of Perceptual Redevelopment for the Third Sector"

Mode of Delivery

Mixed

dates:

From February 17 to February 21, 2025

schedule:

9.30 AM – 12.30 PM / 2.00 PM – 5.30 – 5.00 PM

Registration fee for 1 workshop:	€. 700
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Discounts are available for those who wish to attend multiple workshops, as outlined in the following table:

n° workshop	
2 workshop	€. 1250
3 workshop	€. 1700
4 workshop	€. 2400
5 workshop	€. 2950
6 workshop	€. 3500
7 workshop	€. 4200
8 workshop	€. 4900
9 workshop (+ 3 free months)*	€. 5900

Anyone who purchases the 9-unit package will be able to complete the training cycle for free. Customized solutions (both economically and in terms of training content) are available for companies wishing to enroll multiple participants in the workshops. A discount is also offered to AIDI members, equal to the annual membership fee of €70 (individual member). Registration must be completed by December 7, 2024. Please inform us by email if you are also interested in the optional day.

At the end of the workshop, **a certificate of attendance** will be issued to participants who have attended at least 85% of the lessons and exercises.

Contacts:

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Director

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FUNDAMENTALS OF LIGHTING TECHNOLOGY, COLOR, AND VISUAL PERCEPTION

From February 17 to February 21, 2025

Theory and exercises (schedule 9.30 AM -12.30 PM/ 2.00 – 5.00 PM)

Workshop Registration Form

(to be sent via email to floriana.cannatelli@gmail.com)

- FIRST NAME
- LAST NAME
- CITIZENSHIP
- DATE OF BIRTH
- PLACE OF BIRTH
- TAX CODE (Codice Fiscale)
- MAILING ADDRESS
- CITY
- POSTAL CODE
- COUNTRY
- OFFICE PHONE
- MOBILE PHONE
- FAX
- EMAIL
- NATIVE LANGUAGE
- OTHER LANGUAGE(S) KNOWN
- DEGREE/QUALIFICATION:
- STUDENT ID NUMBER:

Bank Transfer Details

- UNICREDIT SPA – University Treasury of La Sapienza – Branch 153
- Payable to: Università degli Studi di Roma “La Sapienza” Department of Architecture and Design (1331)
- IBAN: IT42K0200805227000401386491

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SIGNATURE