



MLD
master lighting design

In collaboration with:

SUPERINTENDENCE OF CULTURAL HERITAGE OF THE MUNICIPALITY OF ROME
SSML GREGORIO VII SUPERIOR SCHOOL FOR LINGUISTIC MEDIATORS

Endorsements:

MiBAC MINISTRY OF CULTURAL HERITAGE AND ACTIVITIES
AIDI ITALIAN LIGHTING ASSOCIATION
APIL PROFESSIONAL LIGHTING ASSOCIATION
ASSIL LIGHTING MANUFACTURERS ASSOCIATION
ASSODEL NATIONAL ASSOCIATION OF ELECTRONICS SUPPLIERS

Sponsors:

ARTEMIDE – ELETTROLAZIO – iGUZZINI – LINEA LIGHT GROUP – SLAMP

Technical Sponsors:

ART & EVENT – GEPA – HUGE GROUP – ILM LIGHTING

NATURAL LIGHT

From April 7 to 11, 2025

Venue: Faculty of Architecture, Via Gianturco 2, Room G22

Program

Monday, April 7 9:00 AM - 12:00 AM

Marco FRASCAROLO – Engineer and Lighting Designer. Researcher and Professor of Technical Physics at the Faculty of Architecture, Roma Tre University

"Lighting Fixture Design"

"Fundamental principles and calculation methods for selecting lighting fixtures for different applications."

Monday, April 7 1:00 PM - 7:30 PM

Valerio LO VERSO, Architect, Professor at the Polytechnic University of Turin

"Integration of Natural and Artificial Light: Analysis of natural light availability indoors; artificial lighting control systems and shading solutions; user behavior models."

"Design Workshop: School building lighting project using Ecotect, Radiance, and Daysim software. Verification of regulatory parameters for natural light availability and energy consumption for artificial lighting."

Tuesday, April 8 9:00 AM - 1:00 PM / 2:00 PM – 7:30 PM

Valerio LO VERSO, Architect, Professor at the Polytechnic University of Turin

"Reference Standards for Natural Lighting; Objectives of Daylighting Design: Visual Comfort and Energy Savings."

"Static Parameters (Daylight Factor) and Dynamic Parameters (Dynamic Daylighting Performance Metrics, DDPM) for Natural Lighting Calculations; Artificial Lighting Energy Consumption and LENI (Lighting Energy Numeric Indicator)."

"Technologies and Systems for Natural Lighting: Transparent Elements - Shading Systems - Light Conduction Systems"

"Design Tools: Manual Methods – Digital Simulation (Software) - Physical Simulation with Scale Models and Artificial Skies"

Wednesday 20 9:00AM – 1:00 PM/2 PM – 6:00 PM

Valerio LO VERSO, Architect, Professor at the Polytechnic University of Turin

"Integration of Natural and Artificial Light: Analysis of Natural Light availability Indoors ; artificial lighting control systems and shading solutions; user behavior models."

"Design Workshop: School building lighting project using Ecotect, Radiance, and Daysim software. Verification of regulatory parameters for natural light availability and energy consumption for artificial lighting."

Thursday, April 10 10:00 AM - 1:00 PM / 2:00 PM - 4:00 PM

Guided Tour at ILM Company,

**Location: Via del Formello 135, Velletri
(train from Rome Termini direct to S. Eurosia stop, then 400 meters on foot)**

Federico OGNIBENE, ILM Director, Technical Coordinator for Product Development

"The Impact of Electronics on Light Management: From Incandescent Lamps to LEDs."

Friday, April 11 10:00 AM - 12:00 AM

Giovanni ORGANTINI – Professor of Experimental Physics, Sapienza University of Rome

"The Physics of Light."

Friday, April 11 1:00 PM – 3:00 PM

LUCA RIBICHINI, Vice Dean of the Faculty of Architecture at Sapienza University of Rome (2015-2020), Professor of Architectural Drawing, Department of History, Drawing, and Restoration of Architecture

"Natural Lighting: Examples in Modern Architecture"

Mode of conduct

Headquarter Architecture Major Piazza Borghese 9,
Roma

Or Online

Date: **from 18 to 23 March 2024:**

Timetable: 9.30-12.30 / 14.00 – 17.00

Membership fee 1 workshop:	€. 700
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Facilities are provided 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 months for free)*	€ 5900

***All those who purchase the 9-unit package will be able to complete the training cycle free of charge. Customized solutions (both economically and in terms of training content) are provided for companies wishing to enroll more people in the workshops. There is a discount, for AIDI members, equal to the annual registration fee € 70 (individual member). Registration must be done by December 9, 2023.**

Please notify by e-mail if you are also interested in the optional day.

A **certificate of attendance** will be issued at the end of the Workshop to participants who have attended at least 85 percent of the lectures and tutorials.

Contacts:

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Director

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"Sapienza" University of Rome

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Administrative Secretary's Office

DEPARTMENT OF ARCHITECTURE AND DESIGN - "Sapienza" Università di Roma
Via Flaminia 359, 00196

WORKSHOP

LIGHT FOR PERFORMANCES

19 – 23 February 2024

Theory and exercise (timetable 9.30-12.30 /14.00-17.00)

Application for workshop membership

(to sent for e-mail to: mastermld@uniroma1.it .)

- NAME
 - SURNAME
 - CITIZENSHIP
 - DATE OF BIRTH
 - BIRTH PLACE
 - FISCAL CODE
 - POSTAL ADDRESS
 - CITY
 - POSTAL CODE
 - STATE
 - OFFICE PHONE
 - MOBILE PHONE
 - FAX
 - E-MAIL
 - MOTHER TONGUE
 - LANGUAGE KNOWN
 - EDUCATIONAL QUALIFICATION:
 - SERIAL NUMBER:
-
- **Bank Transfer Details**
 - **UNICREDIT SPA – Treasury Università La Sapienza – Ag. 153**
 - **held by: Università degli Studi di Roma “La Sapienza” Department of architecture and design (1331)**
 - **IBAN: IT42K0200805227000401386491**

The Department, the data controller, informs you that the data collected here will be subject to computer processing for the purpose of sending information related to the courses or public initiatives organized by us for which such data are essential, of course You are entitled to the rights under Art. 13 of Law 675/96

The undersigned confirms the truthfulness of the data indicated in accordance with law 675/96 and gives consent to the processing of his/her data for operations connected with the workshop as well as for advertising purposes of "Sapienza" University of Rome.

DATE

SIGNATURE