



In collaboration with:

**SOVRAINTENDENZA AI BENI CULTURALI DEL COMUNE DI ROMA**  
**SSML SCUOLA SUPERIORE MEDIATORI LINGUISTICI GREGORIO VII**

Patronages:

**MiBAC** MINISTERO PER I BENI E LE ATTIVITA' CULTURALI  
**AIDI** ASSOCIAZIONE ITALIANA DI ILLUMINAZIONE  
**APIL** ASSOCIAZIONE PROFESSIONISTI DI ILLUMINAZIONE  
**ASSIL** ASSOCIAZIONE PRODUTTORI DI ILLUMINAZIONE  
**ASSODEL** ASSOCIAZIONE NAZIONALE FORNITORI ELETTRONICA

Sponsor:

**A.A.G. STUCCHI - CLAY PAKY – EXENIA – LINEA LIGHT**

Technical sponsor:

**ILM LIGHTING**

# **WORKSHOP LIGHT SOURCES AND COMPONENTS. LUMINAIRES**

**April 24-28 2023**

**Theory and practical exercises** (time-table 9:30 am -12:30 pm / 2:00 pm – 5:00 pm)

**A correct technical knowledge of lighting design offers the necessary tools to combine functional choices with those expressive ones of interpretation and characterisation of the space, thus to satisfy the needs of the most diverse design areas.**

**The right integration between daylight and artificial light sources can generate a dynamic and vibrant space. The exact knowledge of the varied range of artificial sources and key factors such as colour rendering, colour temperature, efficiency, flexibility, miniaturisation of the sources and a less invasiveness of the luminaires, provides a lighting direction that both enhances the project space and highlights its contents.**

## **Addressees of the Workshop**

Professionals in the field, architects, engineers, installers and technical promoters.  
For those who wish to expand their knowledge of the fundamentals of lighting technology, an optional class will be held on Saturday morning April 22 on request.

**LOCATION: FACOLTÀ DI ARCHITETTURA VIA EMANUELE GIANTURCO 2, ROOM G44**

## **Program**

**Monday 24** 10:00 am -1:00 pm / 2:00 pm – 4:00 pm

**Nicoletta ROSSI** Architect and Lighting Designer

“Luminaire and light control”

**Monday 24** 4:15 pm / 6:15 pm

**Marco FRASCAROLO** Engineer. Researcher and Professor of Technical Physics, Faculty of Architecture. Università Roma Tre. Lighting designer.

"Fundamentals and calculation methods for the selection of lamps".

**Tuesday 25** Liberation Day

**Wednesday 26** 10:00 am – 1:00 pm / 2:00 pm - 5:00 pm

**Guided tour of the ILM company** Via del Formello n. 135, Velletri

(train from Roma Termini direct to S.Eurosia station, then 400 metres walking distance)

**Federico Ognibene** Technical Coordinator Product Development

"The incidence of electronics on how light is managed, from incandescent lamps to LEDs"

**Thursday 27** 9:30 am – 12:30 pm

**Guided tour of the INFORMA SISTEMI company** Via Laurentina 13, Roma

**Andrea CARACCIOLO** General Manager

"Fundamentals of sensorial techniques"

**Thursday 27** 2:00 pm – 4:00 pm

**BRIDGELUX** Company in the sector

**Ettore FICI** Country Manager South and Eastern Europe Bridgelux inc.

"Bridgelux , the evolution of Solid State Lighting systems from CRI , TM-30 the new frontiers Human Centric Lighting and new metric Average Spectrum Difference."

**Thursday 27** 4:15 pm – 6:15 pm

**MELCHIONI** Company in the sector

**Giuliano SALA** Lighting Product Manager

"Cooledge: The "flexibility" of LED light in form and functionality"

**Friday 28** 9:00 am – 11:00 am

**Giovanni ORGANTINI** Associate Professor in Experimental Physics at Sapienza University

“Physics of light”

**Friday 28** 11:15 am – 1:15 pm / 2:15 pm – 4:45 pm

**Marco FRASCAROLO** Engineer. Researcher and Professor of Technical Physics, Faculty of Architecture.  
Roma Tre University. Lighting designer.

“From light source to lighting system: a smooth transition in the digital lighting era”

“Technologies and design methods for energy saving and environmental sustainability”

**Friday 28** 5:00 pm – 7:00 pm **Online**

**LUCA RIBICHINI** Vice Dean of the Faculty of Architecture, at “Sapienza” University of Rome  
from 2015 to 2020  
Professor in Architectural Design, at the Department of History, Design and Restoration of  
Architecture

“Daylighting: examples in modern architecture.”

## Methods of implementation

date:

From 24 to 28 April 2023

Registration fee 1 workshop:	€. 500
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People who want to attend more than one workshop can get some facilitation: Sono previste agevolazioni per coloro che volessero frequentare più workshop, as indicated below:

n° workshop	
2 workshop	€ 900
3 workshop	€ 1200
4 workshop	€ 1700
5 workshop	€ 2100
6 workshop	€ 2500
7 workshop	€ 3000
8 workshop	€ 3500
9 workshop (+ 3 months free)*	€ 4200

**\*Who want to buy the 9 workshop set, is allowed to complete the cycle for free. Different kind of solutions are reached (both economically and in terms of learning content) for companies that want to register more people to workshops. AIDI's members will have a discount, equal to the annual fee € 70 (individual member). The application have to be submitted within April the 22nd 2023. Please notify by e-mail if one is interested also to the optional day.**

At the end of workshop a certificate of attendance will be issued to everyone who has attended at least 85% of lessons and applications.

### Contact us::

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### Chief:

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"Sapienza" University of Rome

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### Administrative Secretary

DEPARTMENT OF ARCHITECTURE AND DESIGN - "Sapienza" University of Rome

Via Flaminia 359, 00196 Roma



# WORKSHOP LIGHT SOURCES

From 24 to 28 april 2023

theory and exercises (9.30-12.30am / 2.00 – 5.00pm)

## Workshop application form

(send an email to [mastermld@uniroma1.it](mailto:mastermld@uniroma1.it) )

- NAME
- SURNAME
- CITIZENSHIP
- DATE OF BIRTH
- PLACE OF BIRTH
- TAX CODE
- POSTAL ADDRESS
- CITY
- POSTCODE
- STATE
- WORK PHONE
- MOBILE
- FAX
- E-MAIL
- NATIVE LANGUAGE
- LANGUAGE KNOWN
- QUALIFICATION
- SERIAL NUMBER
  
- **BANK TRANSFER NUMBER**
- **UNICREDIT SPA – TREASURY SAPIENZA UNIVERSITY – Ag. 153**
- **Transfer to: University of Rome “La Sapienza” DEPARTMENT OF ARCHITECTURE AND DESIGN (1331)**
- **IBAN: IT42K0200805227000401386491**

The Department, controller of the processing, informs that the data collected here will be processed by an IT system for the purpose of sending informations about courses or public initiatives organied by us for which such date are essential, they are entitled to the rights set forth in art. 13 of Law 675/96

The undersigned declares the truthfulness of the foregoing details according to the law 675/96 and gives the consent to the processing of personal data for related operations to the workshop as well as advertising purposes of “Sapienza” University of Roma.

DATE

SIGNATURE