



In collaboration with:

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

Supports:

MiBAC ITALIAN MINISTRY FOR CULTURAL HERITAGE AND ACTIVITIES

AIDI ITALIAN ASSOCIATION OF LIGHTING

APIL LIGHTING PROFESSIONALS ASSOCIATION

ASSIL ITALIAN ASSOCIATION OF LIGHTING MANUFACTURERS

ASSODEL NATIONAL ASSOCIATION OF ELECTRONIC SUPPLIERS

Sponsors:

A.A.G. STUCCHI - EXENIA – iGUZZINI - LINEA LIGHT

Technical sponsor:

ILM LIGHTING

DAYLIGHT / SOURCES OF LIGHT

April

April 15 to 19, 2024

Daylight plays a central role in the perception of space and is a primary element in achieving well-being and visual comfort.

Psychophysiological well-being in an indoor space is also ensured, among other factors, by the temporal variation of light, which is a regulatory mechanism of biological cycles. Proper use of daylight and different shading systems and knowledge of innovative systems like light transport in rooms without openings allow new perspectives of space use and open a wide range of expressive and compositional possibilities.

The target audience for the Workshop

Industry professionals, architects, engineers, installers, and technical promoters. A basic knowledge of technical physics and lighting engineering fundamentals is essential. For those who wish to supplement their fundamentals, an optional lecture is scheduled on Saturday morning, April 13, upon request

Monday 15th 10.00 - 13.00 / 14.00 - 16.00

Guided tour at the ILM Company Via del Formello No. 135, Velletri

(train from Roma Termini to S.Euroslia stop, then 400 meters walk)

Federico Ognibene Product development technical coordinator

"The impact of electronics on the way light is managed, from incandescent lamps to LEDs"

Tuesday 16th 9.00 -10.00

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

"ClimateStudio." Installation

Tuesday 16th 11.15 – 13.15

Giovanni ORGANTINI Professor of Experimental Physics, "Sapienza" University

"The Physics of Light"

Tuesday 16th 14.15 – 18.15

Marco FRASCAROLO

"The design of the lighting device"

"References to fundamentals and calculation methods aimed at selecting devices for different applications"

Wednesday 17th 9.00-13.00 /14.00 – 18.00 Online

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

"Integration of daylight - artificial light: analysis of daylight availability in the environment; artificial lighting control systems and shading systems; user behavior models."

"Design exercise: design a building for school use using Ecotect, Radiance, and Daysim software. Checking regulatory parameters on daylight availability and energy consumption for artificial lighting."

Thursday 18th 9.00-13.00/ 14.00 – 18.00 Online

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

"Daylighting Reference Standards; Daylighting design goals: visual comfort and energy savings"

"Static (daylighting factor) and dynamic (dynamic daylighting performance metrics DDPM) parameters for calculating daylighting; consumption for artificial lighting and LENV"

"Daylighting technologies and systems: transparent elements - shading systems - light conduction systems."

"Design tools: manual methods - numerical simulation (software) - physical simulation with scale models and artificial skies."

Friday 19th 9.00 – 13.00 / 14.00 – 18.00 Online

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

" Integration of daylight - artificial light: analysis of daylight availability in the environment; artificial lighting control systems and shading systems; user behavior models."

"Design exercise: design a building for school use using Ecotect, Radiance, and Daysim software. Checking regulatory parameters on daylight availability and energy consumption for artificial lighting."

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Via Flaminia 359, 00196



WORKSHOP

LIGHT FOR PERFORMANCES

15 – 19 April 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**

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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