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Sponsors:

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Technical sponsor:

ILM LIGHTING

ELECTRICAL INSTALLATIONS. AUTOMATION AND CONTROL SYSTEMS.

From 13 to 17 May 2024

Rome, Faculty of Architecture Piazza Borghese 9, master's room

Programme

Technological systems for artificial lighting consist of the power supply system, the users, luminaires, sources and electrical auxiliaries, and the regulation and control systems. In high-complexity installations, there are systems dedicated to continuous monitoring of the operation of the system and individual lamps to optimize intervention time and minimize inconvenience to users. The knowledge of these aspects is indispensable not only for electrical installers but also for lighting designers who have to make design choices aware not only of the lighting result but also of all the other implications ranging from the impact on masonry works to energy, management, and safety aspects. A special focus will be given to lighting control systems that are increasingly required for both energy and scenic reasons and to emergency lighting systems, which are mandatory for many uses and often forgotten in the design phase.

Target audience for the Workshop

Industry professionals, architects, engineers, installers, and technical promoters. For those who wish to supplement their knowledge of the fundamentals, an optional lecture is scheduled on Saturday morning, May 11, upon request.

Monday 13 9.30-12.30

Luigi MARTIRANO Engineer. Full Professor Faculty of Engineering, Sapienza University of Rome
"Electrical lighting systems. Components and lighting systems."
"Introduction to electrical installations for lighting.
Components and systems for power supply."

Monday 13 14.00 - 17.00

Andrea TAMAGNINI Engineer. Control System Designer
"Logic of regulation and control of lights and motorizations in the lighting project. Case histories. Examples of realizations of installations"

Tuesday 14 9.30-12.30

Giorgio CECCHINI Italian National Energy Defense Integrator System
"Design and programming of lighting control systems"

Tuesday 14 14.00 - 17.00

Luigi MARTIRANO Engineer. Full Professor Faculty of Engineering, Sapienza University of Rome
"Construction and dimensioning of BT electrical systems."
Design elements of electrical and control systems for lighting"

Wednesday 15 9.30-12.30

Luigi MARTIRANO Engineer. Full Professor Faculty of Engineering, Sapienza University of Rome
"Automation and control systems. Special electrical systems. Design elements of electrical and control systems for lighting"

Wednesday 15 14.00 - 18.00

Luigi MARTIRANO Engineer. Full Professor Faculty of Engineering, Sapienza University of Rome
Workshop: "Development of a project of a lighting installation. "

Thursday 16 9.30 -12.30

Stefano CONVERSO Researcher in Architectural Design University Roma TRE
Department of Architecture
"Descriptive elements of targeted electrical installations
classroom practice on artistic, street and indoor lighting projects"
Applications with BIM approach.

Thursday 16 14.00 - 17.00

Stefano CONVERSO Researcher in Architectural Design University Roma TRE
Department of Architecture
Workshop: "Development of a BIM project of a BIM lighting system."

Friday 17 9.30-12.30 / 14.00 - 18.00

Luigi MARTIRANO Engineer. Full Professor Faculty of Engineering, Sapienza University of Rome
Workshop: "Development of a project of a lighting installation"

Operating methods

Mixed

Date: **From 13 to 17 May 2024**

Time: 9.00 – 13.00 / 14.00 – 17.00 – 18.00

1 workshop registration fee:	€. 700
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Benefits are provided for those who wish to attend multiple workshops, as outlined in the following table:

n° workshops	
2 workshops	€. 1250
3 workshops	€. 1700
4 workshops	€. 2400
5 workshops	€. 2950
6 workshops	€. 3500
7 workshops	€. 4200
8 workshops	€. 4900
9 workshops (+ 3 free months)*	€. 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 of € 70 (individual member). **Registration must be done by May 11, 2024. 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% of the lectures and tutorials.

Contact:

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Director

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ELECTRICAL INSTALLATIONS. AUTOMATION AND CONTROL SYSTEMS.

From 13 to 17 May 2024

Theory and practice (time 9.30 – 12.30 / 14.00 – 17.00)

Workshop application

(to be emailed to mastermld@uniroma1.it)

- NAME
 - SURNAME
 - CITIZENSHIP
 - DATE OF BIRTH
 - PLACE OF BIRTH
 - TAX CODE
 - MAILING ADDRESS
 - CITY
 - ZIP CODE
 - STATE
 - OFFICE PHONE
 - CELL PHONE
 - FAX
 - E-MAIL
 - MOTHER LANGUAGE
 - KNOWN LANGUAGE
 - EDUCATIONAL QUALIFICATION:
 - IDENTIFICATION NUMBER:
-
- **Bank Transfer Extremes.**
 - **UNICREDIT SPA - Tesoreria Università La Sapienza - Ag. 153**
 - **held by: Università degli Studi di Roma "La Sapienza" Dipartimento di architettura e progetto (1331)**
 - **IBAN: IT42K0200805227000401386491**

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The undersigned confirms the truthfulness of the data indicated by law 675/96 and gives consent to the processing of their data for operations associated with the workshop as well as for advertising purposes of "Sapienza" University of Rome.

DATE

SIGNATURE