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:
AEC- ARTEMIDE – ELETTROLAZIO – iGUZZINI – LINEA LIGHT GROUP – SLAMP

Technical Sponsors:
ART & EVENT – GEPA – HUGE GROUP – ILM LIGHTING

ELECTRICAL SYSTEMS

AUTOMATION AND CONTROL SYSTEMS

From June 9 to June 13, 2025

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

Program

Technological systems for artificial lighting consist of power supply systems, end-use devices (fixtures, light sources, and electrical auxiliaries), and regulation/control systems. In highly complex installations, dedicated systems are employed for continuous monitoring of both the overall system and individual lamps to optimize intervention times and minimize user disruption. Understanding these aspects is essential not only for electrical installers but also for lighting designers, who must make informed project choices that consider not just lighting outcomes but also implications for structural integrity, energy efficiency, management, and safety. A special focus will be given to light flux regulation systems, increasingly required both for energy-saving purposes and for dramatic lighting effects, as well as emergency lighting systems, which are mandatory for many applications and often overlooked during the design phase.

Target participants

Professionals in the field, including architects, engineers, technicians, and technical promoters. An optional lesson on fundamentals will be available on the morning of Saturday, May 10, upon request.

Monday, June 9. 9:30 AM - 12:30 AM

Luigi MARTIRANO Engineer, Full Professor, Faculty of Engineering, Sapienza University of Rome

"Electrical Lighting Systems: Components and Lighting Systems."
"Introduction to Electrical Systems for Lighting. Components and Power Supply Systems."

Monday, June 9. 2:00 PM – 5:00 PM

Andrea TAMAGNINI *Engineer, Control System Designer*

"*Regulation and Control Logic for Lighting and Motorized Systems in Lighting Design. Case Studies and Implementation Examples.*"

Tuesday, June 10. 9:30 AM - 12:30 AM / 1:30 PM – 5:30 PM

Giorgio CECCHINI Architect and Lighting Designer, National Energy Defense

"*Design and Programming of Control Systems for Lighting Installations.*"

Tuesday, June 10. 2:00 PM – 5:00 PM

Luigi MARTIRANO *Engineer, Full Professor, Faculty of Engineering, Sapienza University of Rome*

"Structure and Sizing of Low-Voltage Electrical Installations."
"*Fundamentals of Electrical and Control Lighting Control System Design.*"

Wednesday, June 11. 9:30AM – 12:30 AM

Luigi MARTIRANO Engineer, Full Professor, Faculty of Engineering, Sapienza University of Rome

"Automation and Control Systems. Special Electrical Systems. Fundamentals of Electrical and Control System Design for Lighting."

Wednesday, June 11. 2:00 PM – 6:00 PM

Luigi MARTIRANO *Engineer, Full Professor, Faculty of Engineering, Sapienza University of Rome*

Workshop: "Development of a Lighting System Project."

Thursday, June 12. 9:30 AM - 12:30 AM

Stefano CONVERSO. Researcher in Architectural Design, Roma TRE University, Department of Architecture

"Descriptive Elements of Electrical Systems for Practical Exercises on Artistic, Street, and Indoor Lighting Projects."

BIM Applications.

Thursday, June 12. 2:00 PM - 5:00 PM

Stefano CONVERSO. Researcher in Architectural Design, Roma TRE University, Department of Architecture

Workshop: *"BIM-Based Lighting System Project Development."*

Friday, June 13. 9:30 AM - 12:30 AM/ 2:00 PM - 6:00 PM

Luigi MARTIRANO *Engineer, Full Professor, Faculty of Engineering, Sapienza University of Rome*

Workshop: *"Development of a Lighting System Project."*

Workshop Details

Location: Faculty of Architecture, Via Gianturco 2, Rome

Duration: 5 days (June 9–13, 2025)

Schedule: 9:30 AM – 12:30 PM / 1:30 PM – 4:30 PM- 6:00 PM

Enrollment fee for 1 workshop	**€. 700**

Discounts are available for participants interested in attending multiple workshops, as outlined in the following table:

Number of workshops	Fee (€.)
2	**€.1,250**
3	**€.1.700**
4	**€.2.400**
5	**€.2.950**
6	**€.3.500**
7	**€.4.200**
8	**€.4.900**
9	**€.5.900**

**** All those who purchase the 9-unit package will be able to complete the entire training cycle free of charge.*** **Customized solutions (both in terms of cost and training content) are available for companies wishing to enroll multiple participants in the workshops. A discount equal to the annual membership fee (€70 for individual members) is available for AIDI members. Registration must be completed by May 10, 2025. If you are also interested in attending the optional session, please inform us via email.**

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

CONTACTS

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Director: Professor. Stefano Catucci (Associate Professor of Aesthetics, Sapienza University of Rome)

Academic and Tutoring Coordination: Professor. Marco Frascarolo

Organizational Coordination: Professor. Floriana Cannatelli

Administrative Office

Department of Architecture and Design, Sapienza University of Rome

Location: Via Flaminia 359, 00196 Rome

ELECTRICAL SYSTEMS

AUTOMATION AND CONTROL SYSTEMS

From June 9 to June 13, 2025

Theory and practical sessions (9:30 AM – 12:30 AM / 1:30 PM – 4:30 PM)

Workshop Registration Form

(to be submitted via email to: mastermld@uniroma1.it)

- Name
- Surname
- Nationality
- Date of Birth
- Place of Birth
- Tax Code
- Postal Address
- City
- Postal Code

- Country
- Office Phone
- Mobile
- Fax
- Email
- Native Language
- Other Languages Known
- Degree
- Student ID Number

- **Bank Transfer Details**
- **UNICREDIT SPA – Sapienza University Treasury, Branch 153**
- **Account Holder: Università degli Studi di Roma "La Sapienza" – Dipartimento di Architettura e Progetto (1331)**
- **IBAN: IT42K0200805227000401386491**

The Department, as the data controller, informs you that the collected data will be processed for sending information about courses or public initiatives. You have the rights under Article 13 of Law 675/96. The undersigned confirms the accuracy of the provided data and consents to its processing for workshop-related operations and promotional purposes by Sapienza University of Rome.

DATE

SIGNATURE