

# “SAPIENZA” UNIVERSITY - ROME

## DIPARTIMENTO DI ARCHITETTURA E PROGETTO

In collaboration with:

**SOVRAINTENDENZA AI BENI CULTURALI DEL COMUNE DI ROMA**

**SSML SCUOLA SUPERIORE MEDIATORI LINGUISTICI GREGORIO VII ROME**

**Patronage:**

**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:

**ABB - iGUZZINI – PHILIPS**

Software partner:

**RELUX -LIGHTWEB**

## **workshop** **ELECTRIC SYSTEMS**

**22-27 April 2013**

**theory and applications** (10.00 – 13.00 / 14.00 – 17.00 – 18.30)

The technological systems for artificial lighting include supply systems, appliances, lighting sources and electric accessories, regulation and control systems. In the most complex installations some peculiar systems are used to check continuously how the installation and the lamps work in order to prevent any uncomfortable situation to the users. It's important also for lighting designers to get a deeper knowledge of these aspects since every kind of choice they make in designing lighting, affects masonry works, safety, energy saving, maintenance. This workshop focuses on lighting regulation systems, that are required because of energy saving reasons or scene-design reasons and also on lighting emergency installations, that we obligatory have to fit in a lot of projects.

### **Who can attend the workshop**

Architects, engineers, technicians, technical promoters are allowed to attend the course. A basic knowledge of the lighting fundamentals is an essential requirement.

An optional lighting fundamental course is available on 20<sup>th</sup> of April (10.00-13.30).

Please, send us an e-mail to let us know if you are interested in this optional course.

## Program

**Monday 22** 10.00-13.00

**Luigi MARTIRANO** Engineer. Researcher Faculty of Engineering, Sapienza University of Rome

"Components and systems for lighting"

**Monday 22** 14.00-18.30

**Luigi MARTIRANO** Engineer. Researcher Faculty of Engineering, Sapienza University of Rome

Workshop: " Functional lighting design of an office. Project of road area"

**Tuesday, 23** 10.00-13.00

**Giuseppe PARISE** Engineer. Professor, Faculty of Engineering, Sapienza University of Rome

"Systems of power supply for lighting systems"

**Tuesday, 23** 14.00-18.30

**CRESTRON**

**Andrea TAMAGNINI** Engineer. Lighting Manager Italia. Divisione grandi progetti

"Lighting control systems. Case histories."

**Wednesday, 24** 10.00-13.00

**Luigi MARTIRANO** Engineer. Researcher Faculty of Engineering, Sapienza University of Rome

"Fundamentals of electrical design. Lighting control systems "

**Wednesday, 24** 14.00-18.30

**Luigi MARTIRANO** Engineer. Researcher Faculty of Engineering, Sapienza University of Rome

"Energy performance and operating costs of lighting."

**Thursday, 25** Festa della Liberazione

**Friday, 26** 10.00-13.00

**ABB** Lighting company

**Ferdinando MASSARELLA** Engineer. ABB consultant

“Case histories.”

**Friday, 26** 14.00-18.30

**Luigi MARTIRANO** Engineer. Researcher Faculty of Engineering, Sapienza University of Rome

Workshop: “ project of a lighting control system”

**Saturday, 27** 10.00-13.00

**Giorgio CECCHINI** System Integrator ABB

Workshop: " The control of a lighting system”

#### General info and contact details

Convention centre:	Facoltà di Architettura, Via Gianturco 2, 6° floor, room 612
Hours amount:	6 days (36 hours)
date:	April, 22-27, 2013
time :	9.00 – 13.00 / 14.00 – 17.00 – 18.30

<b>registration 1 workshop*:</b>	<b>€. 600</b>
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**People who want to attend more than one workshop can get some facilitation:**

<b>n° workshop</b>	<b>graduates and professionals</b>
<b>2 workshop</b>	<b>€ 1000</b>
<b>3 workshop</b>	<b>€ 1500</b>
<b>4 workshop</b>	<b>€ 2000</b>
<b>5 workshop</b>	<b>€ 2400</b>
<b>6 workshop</b>	<b>€ 2800</b>
<b>7 workshop</b>	<b>€ 3300</b>
<b>8 workshop</b>	<b>€ 4000</b>
<b>9 workshop (+ 3 mesi gratis)*</b>	<b>€ 5000</b>

**\*Who want to buy the 9 workshop set, is allowed to complete the cycle for free.**

For people from lighting manufacturing industries, who are interested in these workshops, special offers (in relation to payment conditions and to the educational training) can be arranged.

AIDI's members will have a discount, equal to the annual fee € 70 (individual member).

**The application have to be submitted within April, 20, 2013**

**Please, send us an e-mail to let us know if you are interested in the optional lighting fundamentals course.**

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

**Internet Site:** [www.masterlighting.it](http://www.masterlighting.it)

**e.mail:** [info@masterlighting.it](mailto:info@masterlighting.it)

**Tel.** +39.339.2007187

**Director**

Prof. Stefano Catucci  
"Sapienza" University – Rome

**Scientific Coordination**

Prof. Arch. Corrado Terzi

**Coordination of Tutorship**

Ing. Marco Frascarolo

**Organizational coordination**

Arch Floriana Cannatelli

**Classes are held at:**

Facoltà di Architettura - "Sapienza" University – Rome  
Via Gianturco 2, 6° floor, room 612, 00196 Roma

**Administration:**

DIPARTIMENTO DI ARCHITETTURA E PROGETTO - "Sapienza" University – Rome  
Via Flaminia 359, 00196 Roma

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DIPARTIMENTO DI ARCHITETTURA E PROGETTO

## workshop ELECTRIC SYSTEMS

22-27 April 2013

theory and applications (10.00 – 13.00 / 14.00 – 17.00 – 18.30)

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### Admission form

(send a fax at 0039-06-32101250 and 0039-06-7821554 and by email to [florianacannatelli@masterlighting.it](mailto:florianacannatelli@masterlighting.it))

- NAME
- LAST NAME
- CITIZEN
- DATE OF BIRTH
- PLACE OF BIRTH
- CODICE FISCALE
- RESIDENCE ADDRESS
- CITY
- STATE
- PHONE
- MOBILE PHONE
- FAX
- E-MAIL
- NATURAL LANGUAGE
- SPOKEN LANGUAGES
- STUDIES DEGREE
- NUMBER UNIVERSITIES (CARNET)
- BANK NUMBER ACCOUNT:

presso Banca di Roma – Tesoreria Università La Sapienza – Ag. 153  
intestato a: 8027 DIPARTIMENTO DI ARCHITETTURA E PROGETTO  
IBAN: IT42K0200805227000401386491  
CAUSALE: ISCRIZIONE WORKSHOP

The Department, owner of the data, informs that the data collected will be processed Informatics For the purpose of transmission of information on courses Or public initiatives we organized such data for which are essential. The course competing rights of Art. 13 of law 675/96. We confirm the veracity of the information given under the law 675/96 and gives consent to their treatment . Data for operations involved in the workshop as well as for advertising purposes " Sapienza" University

DATE .....

SIGNATURE.....