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Consorzio POLI.design
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FORMAZIONE

POLI.DESIGN
Consorzio del Politecnico di Milano

COURSE

Lighting Design in urban environment: new frontiers in light with Smart Lighting

VI EDITION

AWARDING BODY
Laboratorio LUCE
Design department
Politecnico di Milano
Direction: prof. Maurizio Rossi
Secretariat: dr. Andrea Siniscalco
tel +39 02 2399 5696
lab.luce@polimi.it

MANAGEMENT
Poli.Design, consortium of Politecnico di Milano
formazione@polidesign.net

PERIOD
19 February 2016

DURATION
Course: 8 hours

WEBSITE
www.luce.polimi.it

TEACHERS OF THE COURSE
Fulvio Musante
POLITECNICO DI MILANO
Diego Quadrio
STUDIO QUANTIS
Klaus Streubel ***(English language)***
OSRAM
Chiara Bertolaja,
Mario Bonomo
STUDIO B&B LIGHTING

TARGET
The course is intended for technical graduated and non-graduated professionals, students (graduated or not, master students) who wish to deepen the knowledge of lighting design for urban spaces.

REGISTRATION FEE
Cost of the course (8 hours) is 180€ + IVA.
For registration details and more information about the content, please contact the Secretariat. Discount of 10% for the members of AIDI, APIL, ASSIL, ASSODEL and ASSOLUCE.

LANGUAGE
The course will be held in Italian language (except one hour in English). Direct translation in English may be available.

CONTENT OF THE COURSE
The course will present up to date LED technology (types and technical aspects) in the field of road lighting, urban and architectural environment. During the course, various types of LED lighting fixtures for outdoor will be presented. There will be a description of secondary optical system for LEDs, from free-form lenses to solutions that imply direct reflection. Colour management in outdoor lighting fixtures and legislative aspects of exterior lighting will also be covered. Urban light planning: aim, content and constraints to the lighting designer. Quantification of energy consumption and maintenance costs of a lighting system. Façade lighting. What light? What criteria to adopt? Advantages of LED light sources compared to traditional ones. Luminaire arrangement, identification of the openings of the beams and the powers in the various plan schemes in relation of the desired light atmosphere.

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WITH THE PATRONAGE

AIDI Associazione Italiana di Illuminazione

APIL

Assil Associazione Nazionale Produttori Illuminazione

assodel

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