

In collaboration with:

SUPERINTENDENCE OF CULTURAL HERITAGE OF THE MUNICIPALITY OF ROME
SSML SCHOOL OF LANGUAGE MEDIATORS GREGORIO VII

Sponsorships:

MIBAC MINISTRY FOR CULTURAL GOODS AND ACTIVITIES
AIDI ITALIAN LIGHTING ASSOCIATION
APIL ASSOCIATION OF LIGHTING PROFESSIONALS
ASSIL LIGHTING MANUFACTURERS ASSOCIATION
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Sponsor:

A.A.G. STUCCHI - CLAY PAKY – EXENIA – LINEA LIGHT

Technical sponsor:

ILM LIGHTING

WORKSHOP

NATURAL LIGHT

March 20 to 24, 2023

VENUE: FACULTY OF ARCHITECTURE, 2 EMANUELE GIANTURCO STREET, CLASSROOM G44

Program

Monday 20 9:30 a.m.-12:30 p.m./1:30 p.m.-4:30 p.m.

Alessandro FARINI Ph.D. Physics. Laboratory of Psychophysics and Ergonomics of Vision National Institute of Optics - CNR

"Light, color and visual perception."

Tuesday, 21 9 a.m. - 1 p.m. / 2 p.m. - 6 p.m.

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

"Natural Lighting Reference Standards; Daylighting Design Goals: visual comfort and energy savings"

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

"Natural lighting 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."

Wednesday 22 9 a.m. - 1 p.m. / 2 p.m. - 6 p.m.

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

"Daylight-artificial light integration: analysis of daylight availability in the room; artificial lighting control systems and shading systems; user behavior patterns "

"Design exercise: design of a building for school use using Ecotect, Radiance, Daysim software. Verification of normative parameters on the availability of natural light and energy consumption for artificial lighting "

Thursday, 23rd 9 a.m.-1 p.m./ 2 p.m.-6 p.m.

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

"Daylight-artificial light integration: analysis of daylight availability in the room; artificial lighting control systems and shading systems; user behavior patterns "

"Design exercise: design of a building for school use using Ecotect, Radiance, Daysim software. Verification of normative parameters on the availability of natural light and energy consumption for artificial lighting "

Friday 24 9 a.m. - 1 p.m.

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

"Design exercise: design of a building for school use using Ecotect, Radiance, Daysim software. Verification of normative parameters on the availability of natural light and energy consumption for artificial lighting "

Friday 24 2 p.m. - 5 p.m.

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

Introduction to "object-oriented" design in the BIM environment
Requirements: Installation of a basic version of Autodesk Revit