

3<sup>rd</sup> INTERNATIONAL WORKSHOP ON  
MEDITERRANEAN URBAN MORPHOLOGY  
TUSCOLANO RELOADED

MOET - CHARACTERIZATION OF IRREGULARITIES AND  
EXCEPTIONS IN URBAN TEXTURE FOR ENERGY EFFICIENCY  
IN ARCHITECTURE

7-9 | MAY | 2017

The 3<sup>rd</sup> international workshop on Mediterranean Urban Morphology is jointly organized by the AiEM research group - Architecture, Energy and Environment - from Barcelona School of Architecture, ETSAB UPC and the SOS\_UrbanLab research group from Faculty of Civil and Industrial Engineering, Sapienza University of Rome.

Within the energy analysis of urban fabrics, the workshop aims at giving adequate tools and specific methodology focusing on the solar potential of the building envelope, within the urban context of the Mediterranean city.

Presentations of softwares and evaluation tools will be put forward, in order to investigate the energy behaviour at urban and building scales, in relation to morphology and density.

## Programme

### SUNDAY 7 MAY

17:00 - 19:30 @ Largo Spartaco, 12

**OPEN HOUSE ROMA** OHR 2016 Tour: Public guided tour to Tuscolano district  
Prof. Carlo Cecere + Team SOS Urban Lab - Sapienza

### MONDAY 8 MAY

10:00 - 11:00 @ Sala del Consiglio, Facoltà di Ingegneria

Institutional greetings, workshop introduction

Prof. Antonio D'Andrea + Prof. Carlo Cecere - Sapienza

11:00 - 12:30 @ Sala del Consiglio, Facoltà di Ingegneria

Introduction to solar analysis at urban scale

Prof.ssa Judit Lopez Besora - UPC ETSAB

14:00 - 19:00 @ Aula 41, Facoltà di Ingegneria

Project work: morphological analysis of urban textures

### TUESDAY 9 MAY

9:00 - 13:00 @ Aula 41, Facoltà di Ingegneria

Project work: solar analysis of urban textures

15:00 - 17:30 @ Aula 41, Facoltà di Ingegneria

Project work: solar analysis of urban textures

17:30 - 19:00 @ Sala del Consiglio, Facoltà di Ingegneria

Final presentations

19:00 - 19:30 @ Sala del Consiglio, Facoltà di Ingegneria

Closure event

Prof. Helena Coch - UPC ETSAB + Prof. Carlo Cecere & Eng. Michele Morganti - Sapienza

## Staff

### Scientific Coordination

Carlo Cecere (Full Professor, Sapienza)

Helena Coch (Full Professor, UPC)

### Academic Staff

Judit Lopez Besora (Associate professor, Sapienza)

Edeisy Mohamed (Research fellow, Sapienza)

Michele Morganti (Research fellow, Sapienza)

### Workshop assistants

Benedetta Martino (Sapienza)

Daniele Bruned (Sapienza)

Dorotea Papa (Sapienza)

Federica Rosso (Sapienza)

Gianluca Mortarotti (Sapienza)

Giulia Correr (Sapienza)

Giulia Ferri (Sapienza)

Livia Ducci (Sapienza)

Lucrezia Dosmi (Sapienza)



CHARACTERIZATION OF IRREGULARITIES AND EXCEPTIONS IN  
URBAN TEXTURE FOR ENERGY EFFICIENCY IN ARCHITECTURE

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