

**Title: Lighting Master Plan for the main historical part of Tehran - WS08**

**Lecturers: Roger Narboni - Fanny Guerard – CONCEPTO Studio**

- Visual Artist, Lighting Designer,
- Founder of Concepto Studio (a studio specialized in urban, monumental and environmental lighting, to create atmosphere-with-light and light-with-atmosphere),
- Author of several books on Urban Lighting Such as "Lighting the Landscape",
- Designer of over 100 Urban Lighting Master Plans in All of the World,
- Researcher on the Night Landscape and the Ecology of Lighting.



**Length:** 4 days

**Headlines:**

**Thursday November 6<sup>th</sup> - 13:00 / 17:30**

- Introduction to the historical context, features and characteristics of the site
- Done by the ILDC scientific committee

**Theoretical course**

- Done by the ILDC scientific committee with the help of a PowerPoint file made by Roger Narboni
- Brief history of light urbanism in France.
- Presentation, definition of light urbanism and its challenges.
- Succinct examples of Lighting Master Plan in France and abroad (comparable to the LMP of the main historical part of Tehran).
- The geography of the night in the city, uses and nocturnal temporalities.
- The ecology of light, preserving the nighttime environment.
- Energy savings versus the night beautification of the city.
- Questions, discussions.

**Practical workshop**

- Development of a sketch of the Lighting Master Plan for the main historical part of Tehran

**Monday November 17<sup>th</sup> - 14:00 / 19:00**

- Day and night tours on the site (pictures shots).
- Brief analysis of day and night tours (analysis method).Debates.

**Tuesday November 18<sup>th</sup> - 10:00 / 17:30**

- Choice of the themes of the Lighting Master Plan (historical lighting, architectural lighting, parks and gardens lighting, public space lighting, night silhouette, luminous atmospheres in the historical center, Grand Bazaar specific lighting, night temporalities, eco-design, other, etc.) and distribution by groups.
- Study of each of the themes of the Lighting Master Plan by groups.
- Choice of illustrated maps and computer renderings to achieve, preparation and first sketches.

**Wednesday November 19<sup>th</sup> - 10:00 / 17:30**

- Studies and realization of thematic illustrated maps.
- Studies and realization of the nocturnal computer renderings.

**Thursday November 20<sup>th</sup> - 10:00 / 17:30**

- Achievements of thematic illustrated maps.
- Achievements of the nocturnal computer renderings.
- Creation of the final PowerPoint slides of the Lighting Master Plan.

**Friday November 21<sup>st</sup> – 2 h**

- Introduction of the Lighting Master Plan study results to the audience.

**Target Audience:**

- Architects
- Urban Designer
- Electrical Engineers
- Lighting Professionals

**Essential Skills:**

- Capacity to understand and work on map (AutoCAD) and aerial photography (Photoshop)
- Capacity and skill to do Photoshop rendering
- Ability to do sketch
- Good use of PowerPoint software and In design software

- Each participant does not need to have all of those skills; we compose groups according to the participants' skills.

**Language:** The course will be taught in English.

**List of material that need to be brought by each participant:**

- Personal computer (laptop) equipped if possible with : Autocad, Photoshop, PowerPoint, Adobe and Indesign software
- Digital camera
- 2 USB keys (16 Go minimal) or 1 external hard drives of 500 Go
- Personal data base about Photoshop reference images and library (people, light furniture, skys, architectural lightings, luminous ambiances, etc.) in Psd files or Pdf .

**Venue:** Olympic Hotel and Historical part of Tehran

**No. of Participants:** 20

