

PoliTo in Light

CONTEST

for the realization of a temporary light installation art in the Main Court of the Valentino Castle

Purpose of the contest

The aim of the contest is the selection of a preliminary project about the realization of a temporary light installation art to be placed in the Main Court of the Valentino Castle. The intention is to connect the students' work with events of international relevance, as well as increasing the sensitivity about the subjects of lighting and technologies, light as a cultural value and reading tool, identity and enhancement, sustainability and communication. The winning work will be realized after the development of the project at the workshop **PoliTo in Light** (read more at the section "Prize").

The proposal has been inspired by the actions promoted for 2015, declared by UNESCO "**2015 IYL International Year of Light and Light-Based Technologies**". The idea takes also inspiration from the Festival "**Luci d'artista**", a lighting design Festival that takes place in Turin since 1997.

The initiative is funded by the "Commissione Contributi e Progettualità Studentesca" of the Politecnico of Torino: this Commission supports the proposals of their members by allowing the development of important projects about different topics. The activity is supported and coordinated by the Laboratory of Analysis and Modeling of Environmental Systems (LAMSA_DAD). **The project is sponsored by the "Associazione Italiana di Illuminazione" (AIDI) and by the "Associazione Italiana di Elettrotecnica Elettronica, Automazione, Informatica e Telecomunicazioni" (AEIT), Piemonte and Valle d'Aosta section. The initiative is also supported by Città di Torino and Iren, as well as by some Companies: iGuzzini Illuminazione and Elettrogruppo ZeroUno.**

The intervention area

Historical seat of the Politecnico of Torino, the Valentino Castle is certainly an Historical Building characterized by an unquestionable cultural value, that has to be respect and enhance.

The position of the Court requires designers to study the relationship between the artwork and the City: indeed this place is clearly visible from Viale Mattioli, and from the courses Massimo d'Azeglio and Guglielmo Marconi.

The choice of the Court as location of the contest is linked to the dislocation of the lighting installations that today constitute the circuit of "Luci d'Artista": the Valentino Castle would host the 20th artwork of the Festival and it would connect the installations of the City Centre with the one located at the Garden "Italia 61" (Giardino Corpo Italiano di Liberazione).

The Valentino is also one of the 22 structures of the UNESCO Site "Residences of the Royal House of Savoy". The study of this area and the design of a temporary light installation art would be part of the enhancement actions that are compulsory for the structures inscribed in the WHL.



Pic. 1: pictures by castellodelvalentino.polito.it

Questions and answers:

Whom is the announcement for?

PoliTo in Light is open to **all students enrolled** in any degree program of the "Politecnico di Torino".

How to participate?

It is possible to participate **individually or in groups** (maximum 3 people per group).

What is required?

Every participant or group of participants have to present a lighting proposal for **PoliTo in Light**, temporary installation to be placed in the Main Court of the Valentino Castle. Different kind of preliminary design are allowed: installations of lighting design, video projections, 3D video mapping or whatever.

The project will be delivered exclusively in digital form (double format: .psd and .pdf), on a board size **A1** (841x594 mm), **vertical orientation**. The graphic representation has to include a **technical report** (max. 6000 characters), containing:

- the description of the design choices, materials and construction techniques (remember that the prototype of the winning project will be made later by the students);
- a description of methods of construction and installation work (it is possible to insert any sketch);
- an estimated bill of quantities that demonstrate the correspondence between project and budget (5000.00 €). The Budget refers to the estimated cost for the construction of a prototype, including lamps and electrical plant;
- sketches, photographs and mock-up of 3D modelling will be attached to the report;
- name, surname, degree course of participants and e-mail (in case of participation in a group, please give only one e-mail reference).

What are the project constraints?

- Participants have to consider the urban and architectural **context** surrounding the artwork;
- Participants have to consider the aspects related to **reducing energy consumption** and **cost of materials**;

- the light installation art must be easy to realize;
- the artwork has to be clearly visible from the two boulevards (Corso Massimo d'Azeglio and Corso Marconi);
- in case of art installation, the work must not compromise the structure of the Castle and of his Court. The artwork must be **compatible** with the building and completely **reversible**;
- the artwork must respect a maximum budget of expenditure of **5000.00 €** (the Budget relates to the estimated cost for the construction of a prototype of the project, including lamps and electrical plant).

Who evaluates the projects?

The projects that participate in the contest **PoliTo in Light** will be judged by a jury composed by:

- 1 Representative of the "Città di Torino" (Office of Contemporary Art)
- 1 Representative of Iren Services and Innovation (Design Sector)
- 2 Artists (authors of some light installation art of "Luci d'artista" in Torino and Salerno)
- 4 Professors of the "Politecnico di Torino" (disciplines: Building Physics, History of Architecture and Design, Communication, Sustainability)
- 2 Architects of LAMSA (Laboratorio di Analisi e Modellazione dei Sistemi Ambientali - DAD, Politecnico di Torino)
- The proponent group, consisting of 8 students (the group evaluation will influence the score as a single subject).

Which are the selection criteria?

- Compliance of the concept to the objectives of the call
- Originality of the project idea
- Graphical representation and communication of the project
- Sustainability of the project on energy, environment and costs
- Feasibility and reversibility of the project.

What is the jury task?

The jury has to select (up to a maximum of 15 students selected):

- **1 winner project**
- **Some projects** worthy of mention

The jury will spread the judgement on October 30, 2015; the results will be communicated by e-mail and they will be considered final and irrevocable. The light installation art that the jury will select as the winner will be studied during a workshop: the students will develop the project to the executive level, and after they will construct a prototype. The works of the participants to the contest and the results of the workshop will be announced in a public presentation and in an exhibition at the Valentino Castle.

In a second time the artwork will be submitted to the attention of the "Città di Torino" and Iren: in case of approval and of financing, they will decide whether to make it and add it in the official circuit of the Festival "Luci d'Artista".

Which are the terms and the conditions?

- The projects must be delivered no later than **noon on Thursday, October 15, 2015** (works submitted after this deadline will not be considered) - The projects shall be send to the e-mail address: polito.inlight@polito.it
- Each student or group of students (max. 3 students per group) must send **one board** (A1 format, vertical orientation, double format .psd and .pdf) **and one descriptive report** (max. 3 pages): incomplete projects will not be judged.
- The results of the contest (the winner project and those worthy of mention) will be notified by e-mail to participants, even if the result is negative, on **Friday, October 30, 2015**. (Remember to include inside of the report an e-mail address, useful to send the results. In case of participation in group, communicate the address of only one student).



Pic. 2: Kronach Leuchtet 2015 - two installation examples and a video mapping.

Award

The contest **PoliTo in Light** is a selection tool for access to a **second phase**. Together with the proponent group, students or group of students who will present the winning project and those worthy of mention (for a total of about 15 people) will participate in a **Workshop** composed of different activities.

The aim of the workshop is to increase the knowledge and the critical skills of participants on the field of light through four seminars and a study trip in the city of Lyon.

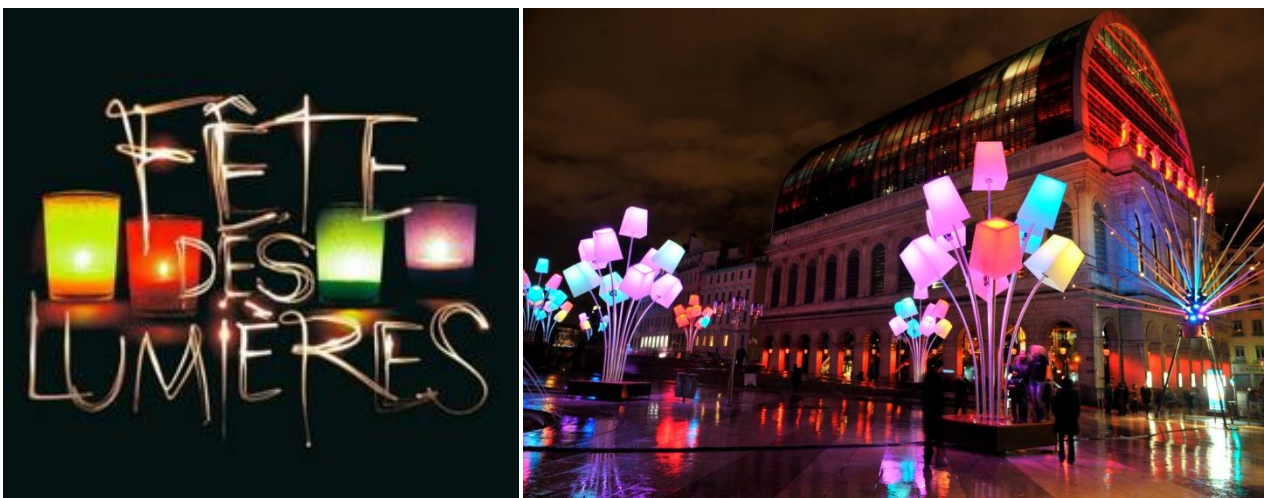
The Workshop also provides a development of the winning project to the executive level: the purpose is the realization of the prototype work of the chosen light installation art. If the winning project will be a video projection or a 3D video mapping, the group will develop the design until the complete definition of it. The workshop is also an opportunity to design in a multidisciplinary team and to work closely with important external partners (institutions, companies and professionals).

It is being defined the recognition of some credits for the participation in the Workshop, by the different degree courses.

The activities of the Workshop

The workshop **PoliTo in Light** consist of several activities:

- **"The Thursday's meeting"**: Professionals from the world of light and Professors of the Politecnico of Torino will make some lessons that will have place every Thursday of November 2015 (h 5 p.m. - 8 p.m.);
- **Study trip to Lyon** "City of Light", during the **Fête des Lumières** (from Saturday, December 5, to Monday, December 7, 2015);
- **"The design in mind"**: the participants will study the winning project, developing the preliminary draft to an executive level. (one week, December 2015);
- **"The design through the hands"**: the participants will be engaged in the **construction and in the assembly of a prototype work** of the winning design. At the same time, they will be involved in the organization of an exhibition useful to the disclosure of the results: the prototype will be shown in that occasion. (one week, January 2016)



Pic. 3, from left: *Fête des Lumières* logo; artistic installation *Fête des Lumières*, Lyon 2012.

To know more

About us

The proposing group **PoliTo in Light** is composed by eight students coming from different degrees courses of the “Politecnico di Torino”:

- **Carlotta Matta**_Ph.D Program in *Beni Culturali*
- **Valeria Erizzi**_MD *Architettura (Restauro)*
- **Paolo Cocconi**_MD *Architettura (Sostenibilità)*
- **Alessandro Pizzardi**_MD *Architettura (Sostenibilità)*
- **Alessandro Sartirana**_MD *Pianificazione Territoriale, Urbanistica e Paesaggistico-Ambientale*
- **Matteo Sattanino**_MD *Architettura (Costruzione e Città)*
- **Marco Oggero**_BD *Ingegneria del Cinema e dei Mezzi di Comunicazione*
- **Maria Cristina Tamburello**_BD *Design e comunicazione visiva*

Technical structure:

- **LAMSA** (Laboratorio di Analisi e Modellazione dei Sistemi Ambientali – DAD):
Arch. **Rossella Taraglio** and **Gabriele Piccablotto**

Scientific representatives:

- **Annalisa Dameri**_ Department of Architecture and Design
- **Chiara Aghemo**_Department of Energy
- **Costanza Roggero**_Interuniversity Department of Regional and Urban Studies and Planning

Our External Partners



Under the patronage of “Associazione Italiana di Illuminazione (AIDI)” and of “Associazione Italiana di Elettrotecnica, Elettronica, Automazione, Informatica e Telecomunicazioni – Sezione Piemonte e Valle d’Aosta (AEIT)”



Useful Links

- castellodelvalentino.polito.it
- www.comune.torino.it/Luci_2014.pdf
- www.kronachleuchtet.com
- www.fetedeslumieres.lyon.fr/fr
- www.progettocantoregi.it
- www.iguzzini.it
- www.egzerouno.com
- www.dad.polito.it/il_dipartimento/laboratori_e_centrilaboratori/area_dell_analisi_ambientale_tecnologica_del_costruito/analisi_e_modellazione_dei_sistemi_ambientali

Information and contacts

Laboratorio di Analisi e Modellazione dei Sistemi Ambientali (LAMSA_DAD)

Tel: +390110906662, h 10.00-13.00

E-mail: polito.inlight@polito.it

Website

[www. PoliToInLight.polito.it](http://www.PoliToInLight.polito.it)

(website under construction)

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