



**SIAT**  
SOCIETÀ DEGLI  
INGEGNERI E  
DEGLI ARCHITETTI  
IN TORINO  
FONDATA NEL 1866

## NOTICE OF INTERNATIONAL COMPETITION.

*First edition of the annual **SIAT YOUNG** Award for young designers.*

SIAT has established an annual **international** competition principally for graduates and students of Architecture, Engineering, Design and the Fine Arts Academies, who do not necessarily hold a professional title, and in the hopes that **multidisciplinary** groups will be formed embracing all the arts and science disciplines.

The annual award proposes to engender reflection in a quest for new **urban visions** for unresolved situations or issues, with a focus on the real case of the city of Turin and the region of Piedmont.

SIAT will **publish the results** of the Competition **in its journal A&RT**. Including scholars and city institutions, **ample space will be given to discussion** about the themes, issues and solutions that the various competition proposals will bring to light.



# SIAT YOUNG 2018: RIFUGI MINIMI PER SENZATETTO / HOMELESS TINY SHELTER IN THE HEART OF TURIN.

## INTRODUCTION

The 2018 edition broaches a very relevant social theme central to the idea of citizenship: providing refuge for the homeless in the winter season – *homeless shelter* – necessitates refuting the rationale of distance and removal in order to provide an **urgent, instant service that cannot be postponed**, an immediate refuge in the heart of the city and its inhabitants. Before being able to welcome and give temporary shelter to homeless people, it is first necessary to identify a number of areas in the city centre that can become – even only seasonally or in response to emergencies – places of community gathering and a **crossroads of humanity**.

We imagine that small, basic, combinable units for individuals or couples, which are easy to maintain, set up and dismantle, can be made available on a temporary basis, alongside essential services: toilet and washing-facility modules, welfare service modules (distribution of hot drinks, blankets..., infirmary, listening point). **So, it is all about designing specific “shelter islands” to be set up as needed in the city centre.** We imagine **basic modules**, conceptually similar to **mountain refuges**, protection against bad weather and freezing temperatures, offering a calm oasis from which the homeless person is not chased out. **This minimal refuge will be a first immediate response, so that the rough sleeper is not caught out by freezing night temperatures.**

It must be a practical solution offered together with others because no one can be forgotten, fully accepting the **difficulties of those who refuse other apparently more advantageous solutions**. We imagine minimal shelters either as appendices of host houses and churches, or as spaces equipped ad hoc, starting from the reclamation of abandoned buildings. The aim is to involve the community in a collective thought process that brings **architecture back to being a service**.

We believe that these spaces can be **“shelter islands”** for encouraging encounter and listening, easily identifiable and recognizable, the first link in creating a chain of connection between the **“invisibles”** and the city’s social mediators, where a minimum of comfort can be enjoyed and perhaps possible common paths can be initiated.

*In the freezing cold: a night as a homeless person among the “down-and-outs” under the arcades – LODOVICO POLETTO (LA STAMPA) 25.02.2018*

.....Those who don’t have blankets or bits of cardboard boxes just walk, never stopping, in these desperately icy nights. Up and down under the arcades. Or they go to the emergency shelter at the Pellerina, run by the Red Cross. “Do you want to come in and sleep?” No, a cup of warm tea is enough. “Wait here and we’ll get you one straightaway,” say the volunteers in red tracksuits. “But now, find yourself a warm spot because tonight will be grim”....

## THE COMPETITION

### 1. SUBJECT

SIAT YOUNG – 2018 edition: Competition to select and promote the best proposals presented by **young designers** on the theme of **“RIFUGI MINIMI – TINY SHELTERS”** – small reception pods for the homeless, to use in periods of harsh weather conditions, temporarily located in central areas of the City of Turin within the general framework of services that the city’s institutions and voluntary associations implement as *homeless shelter*.

### 2. THEME

The urban installation of small **“shelter islands”** for the homeless, made up of a combination of small basic units. We are looking for solutions for single, light-structure units to be used as minimal refuges – *tiny shelters* – and service activities. The “shelter units”, in a minimum number of 7 and a maximum of 14, will be differentiated in part by characteristics and use (shelter, refreshment, store, sanitary assistance; toilets and washing facilities; refuges for individuals and for couples; a common room). Thought must also be given to: ease of assembly and dismantling, materials, colours, eventual graphics for communication, for characterizing these tiny houses, almost archetypes of an architecture that returns to being a shelter and a call for the essential.

Equally important is the insertion of these islands into the urban fabric, the capacity to control relations between the different parts and the rest of the city. It is an urban project of a **temporary seasonal** installation, which can be adapted to different urban contexts (public gardens, empty urban spaces, squares), then taken down and reused. Some areas have been identified with the characteristic of being close to the city centre and thus near places in which it is possible to come across those people – men and women with housing problems – who do not make use of structured housing services.

### 3. OBJECTIVE

To bring out and flag practical solutions in gardens, squares or other urban places to the City or Bodies that share the objectives of the Competition.

The social project might also envisage people who are currently or have been “homeless” being involved in the stages of setting up and running the minimal refuges – *tiny shelters*.

The contestant must bear in mind the characteristics of the relevant environmental and historical context represented by **the two central areas of the City of Turin** identified to host the small emergency “island shelters”: **Area 1** – Teatro di Torino (ex Teatro Scribe); **Area 2** – Giardini reali inferiori (lower Royal Gardens). The contestant will choose one of the two areas to develop his/her proposed design, knowing that it must be adaptable to both areas.

### 4. REGISTRATION

The Competition is principally intended for **graduates** and **students** of Architecture, Engineering, Design and the Fine Arts Academies, who do not necessarily hold a professional title, and in the hopes that multidisciplinary groups will be formed embracing all the arts and science disciplines.

The **registration procedure** is computerized ([www.siat.torino.it/siat-young/](http://www.siat.torino.it/siat-young/)). At the moment of registering, the composition of the contestant will be indicated and a group-leader nominated delegated to communicating with the promoting body. Each component of the group must indicate their personal data, academic title or relevant faculty certifying the disciplinary skills **acquired** or **in the process of being acquired**. On registration, a unique alphanumeric code of 8 characters will be communicated that the contestant must include on all pieces of the submitted proposal (see point 5).

At the moment of registering, the **registration fee** must be paid online (via Paypal). Registration allows the contestant to access the reserved area and to download the Competition documents. The registration fee **will vary** from 75,00 euros (months of June–July) to 95,00 euros (months of August–September) as the deadline for sending in the proposed designs approaches. By registering, contestants accept the rules and process of the competition.

**It is forbidden** for contestants to have any contact with Jury members about issues concerning the competition. Those who **have current working relationships** or family relationships with members of the Jury are not permitted to enter the competition.

### 5. WHAT IS REQUIRED

**5.1.** A **single sheet in horizontal A1 format**, containing the representation of the “shelter islands” and of the solution adopted for the “rifugi minimi – tiny shelters”. The following are required: overall plan at various levels of the layout of the area, detailed plans and sections, building type, details and three-dimensional representation of the project’s insertion into one of the two urban areas identified by the Competition Notice, using free drawing techniques. The representations must be accompanied by a scale bar. The general design of the “shelter islands” must be represented on a scale 1:100 with significant overall plans, elevations and sections.

**5.2.** A written account in **A4 format**, one page, max. 3000 characters excluding spaces without images.

The Competition proposals must be drafted **in English**. The **decimal metric system exclusively** is to be used.

The two proposed files must be presented **anonymously** and must show **top right** the personal alphanumeric **personal code** of 8 characters communicated on registration, validating **only one proposal**.

The proposals will be **delivered in a digital PDF format before 12.00 noon of 12 September 2018**, uploading files of **5 mega maximum each** in the specific reserved section on the web site. **Proposals delivered in any other way will not be considered.** Contestants are warmly advised to upload their proposals well in advance of the final deadline. Once the proposal has been delivered, it will no longer be possible to access the registered area.

The two proposed files must be named in the following way: “**personal code\_A1.pdf**” for the document at point 5.1 and “**personal code\_A4.pdf**” for the document at point 5.2.

## 6. COMPETITION CALENDAR

The following list states all the dates for the Competition:

- **Publication** of the Competition and start of registration **12 June 2018**
- **Request** for clarifications **12 July 2018**
- **Publication** of clarifications **22 July 2018**
- **Deadline of registrations and delivery of all submitted proposals** **hour 12.00 noon of 12 September 2018**
- **Publication** of the results **10 October 2018**

The calendar is subject to modification. All communications, clarifications and updates relevant to the Competition and its execution will be published in English on the web page specifically dedicated to the Competition on the web site: [www.siat.torino.it/siat-young/](http://www.siat.torino.it/siat-young/)

Requests for clarification must be sent to the Competition Secretary by using the specific module present on the reserved page. Requests for clarification that are sent in by other means will not be considered.

## 7. SELECTION BOARD

The Jury is composed of the following members:

1. Carlo **OSTORERO**, SIAT, president of the jury
2. Marcello **BALZANI**
3. Luca **BARELLO**
4. Elena **BARTHEL**
5. Nicolas **DETRY**
6. Renato **MORGANTI**
7. Burkhard **PAHL**
8. Nicholas **RAY**

## 8. AWARDS

The Competition will conclude with **a ranking list** according to **merit** and with three **monetary awards**. The Jury will identify at its absolute discretion other proposals worthy of special mention without awarding a monetary prize. The Jury will draw up the minutes of comments about the proposals presented and about those awarded and selected for special mention. SIAT will issue certificates of merit to the projects that are awarded or selected for special mention. The awards are understood to be pre-tax sums.

- 8.1.** Award for **first** place: **1,500.00** euro
- 8.2.** Award for **second** place: **1,000.00** euro
- 8.3.** Award for **third** place: **800.00** euro

## 9. CATALOGUE

The journal **Atti & Rassegna Tecnica** of SIAT will publish the catalogue of the Competition. The **publication of winning projects** and **the overview of all the participating proposals** in the Competition will be an opportunity for reflection on the themes of the Competition and on the ideas that came to light, giving space to the different visions offered by the world of young designers. Members of the Jury will be invited to provide their contribution of ideas, together with external commentators, such as representatives of the bodies and institutions that work on the territory.

**SIAT intends to organize a conference in which the themes and results of the Competition will be presented and debated.**

The contestant maintains the copyright and intellectual property but from this moment authorizes SIAT to publish in the forms it believes most opportune the proposals, the names of the contestants, their city and country, academic title or faculty attended, **without this implying any claim of an economic nature or of any other type on the part of the participants to the Competition.**

## 10. DOCUMENTATION PROVIDED

- 10.1. **Overview** of the policies and solutions that the city institutions have adopted and the measures currently being studied
- 10.2. **Identification** of the areas of intervention
- 10.3. **Photographic** documentation
- 10.4. **Map**

## 11. CREDITS

### Promoting body:

*Società degli Ingegneri e degli Architetti in Torino* non-profit cultural association since **1866**.

corso Massimo D'Azeglio 42 - 10125 Torino; P. IVA: 01454810019; t. (+39) 011 650 85 11; <http://siat.torino.it/>

### Board of Directors of the SIAT:

arch. Beatrice Coda Negozio (president), ing. Francesco Biasioli, arch. Franco Fusari (vice presidents), ing. Davide Ferrero, arch. Andrea Longhi, arch. Piera Maimone, ing. Andrea Mirabile, ing. Carlo Ostorero, ing. Andrea Rolando, arch. Rosalba Stura, arch. Paolo Mauro Sudano, ing. Marco Surra, arch. Maria Carla Visconti.

### Competition curator and planner:

Paolo Mauro Sudano

### Scientific committee:

Luca Barello, Francesca De Filippi, Vanda Fallabrino, Roberto Fraternali, Cristina Giudice, Elena Greco, Maria Teresa Martinengo, Beppe Serra, Chiara Surra, Elena Ursone

## 12. CV PROFILES OF THE JURY

1. Carlo **OSTORERO**, SIAT, president of the jury
2. Marcello **BALZANI**
3. Luca **BARELLO**
4. Elena **BARTHEL**
5. Nicolas **DETRY**
6. Renato **MORGANTI**
7. Burkhard **PAHL**
8. Nicholas **RAY**



### 1\_Carlo Luigi OSTORERO

Professor in Urban and building sustainable refurbishment and restoration at *Politecnico di Torino*. He also is the chief of “Omnia Project” a multidisciplinary research project carried out on the design of the future smart city. For over 10 years he has been adjunct Professor in the Faculty of Architecture at the University of Parma, and since 2010 lecturer of Masters course coordinated by the architect Mario Cucinella at the “Istituto Europeo di Design” in Turin. Researcher at the *Politecnico di Torino* in the field of “Building Technology” currently conducting research in the Department of Structural, Geotechnical and Building Engineering and lecturing on the M.Sc and PhD courses.

Throughout his career, Carlo Ostorero has sought to conduct aspects of research and scientific experimentation in parallel with the development of the professional activity in the fields of architecture, urbanistic and industrial design according to the principle of “design as a learning process”. In this context, he entered numerous national and international competitions, following planning and design development providing managerial control at multidisciplinary collaboration level with specialised colleagues. In 2000, Carlo Ostorero refocused his professional activities by founding the *STUDIO DEDALO ARCHITETTURA*.

**2\_Marcello BALZANI.** Associate Professor at the Department of Architecture of the University of Ferrara, Vice Department Manager. Since 2006 he has been Director of the DIAPReM Departmental Center. In these years of management, he develops agreements with research centers, ministries and institutions, and he involves the Center in scientific and industrial collaboration activities and training agreements in Italy and abroad. Scientific Responsible of the Teknehub Laboratory for the Emilia-Romagna High-Tech Network Construction Platform.

Since 2017 he has been President of the "Clust-ER Edilizia e Costruzioni" Association. Member of the Technology Transfer Commission and then the “Terza Missione” Commission of the University of Ferrara. Member of the Board of Directors of Sealine, Departmental Research Center for the development of coastal systems and tourism of the Department of Architecture of the University of Ferrara. Member of ICOMOS Italia. Since 2017 he is Director of the II Level post graduated Master "eBIM: existing building information modeling for construction management". Member of the IDAUP - International Doctorate in Architecture and Urban Planning, coordinated by the Department of Architecture of the University of Ferrara. Member of the UID, Unione Italiana Disegno. Since 2006 Director of magazine PAESAGGIO URBANO.

**3\_Luca BARELLO.** Architect, PhD in Architecture and Building Design, Professor in Charge in Architectural Design (Politecnico di Torino, NABA-Design-Milano), Visiting professor (LAU-Byblos, Université Laval-Québec), tutor of workshops and educational building sites. Researcher on open urban spaces, historical fabric transformation methodologies, redefinition of the Alpine landscape. Member of Istituto di Architettura Montana, founder and president of *atelier mobile* ([www.ateliermobile.org](http://www.ateliermobile.org)) nomadic design+build school in public spaces with communities and craftsmen. Projects and architectures in the Alpine region, the Balkans and the Middle East related to the site and the surrounding context, prizes awarded to the Noalesa Cemetery Renovation and the Adhamyia District Renovation competition, Baghdad. Designer of experimental objects and prototypes based on recycled materials or change of use. Graphic designer of logos, magazines, books and posters for cultural institutions and associations.

**4\_Elena BARTHEL.** Graduated in architecture (University of Florence 2000), member of the Institute of Architects of Florence (2001), PhD at the Department of Urban Planning (University of Florence 2010). She taught Urban design thesis studio (Planning Department, Florence School of Architecture 2001-8), Architecture Design Studio at the Architectural Association in London (2006-8), as Assistant professor for Auburn University School of Architecture at the Rural Studio, a community based, design and build program (2008-16). She lectured at Tel Aviv Eco Week, Quito Biennale, Rome Eco Week, Rhode Island School of Design, Turin Politecnico, Florence School of Architecture, Trento University of Engineering (2010-present).

In 2014 she co-authored 'Rural Studio at twenty: Designing and Building in Hale County, Alabama, published by Princeton Architectural Press. In 2016 with Rural Studio, she co-designed "Forum" for the exhibit "Architecture as art", at the Milan Triennale and the 'Theatre of the useful' for the XV Venice Biennale "Report from the front", installations producing two zero waste projects to focus on a responsible attitude towards the resources that we utilize every day.

**5\_Nicolas DETRY.** He studied architecture at the "Institut Supérieur d'Architecture Saint-Luc" in Liège, Belgium. He earned his post-master degree at the University of Rome La Sapienza, Scuola di specializzazione in restauro dei monumenti, with the final thesis: Domus aurea, a conservation project and urban planning of Colle Oppio park in Rome. In 1992-93, he worked in Torino, at the architectural office of prof. architect, Andrea BRUNO consultant for UNESCO. For five years, he worked at the office of Pascal and Pierre PRUNET, Chief Architects of Historic Monuments in Paris (ACMH). His study of CAREBUK project in Boukhara, Uzbekistan won him the prize "Trèfle d'or" by the "Fondation Belge de la Vocation" ([www.vocatio.be](http://www.vocatio.be)).

In 2002, as an associate architect for the RTP Croci-Repellin (prof. ing. Giorgio CROCI and ACMH Didier REPELLIN), he won the competition for the consolidation and the restoration of the Real Albergo dei Poveri, a XVIIIth century building in Naples, Italy. In 2006, associated with Pierre LEVY and Christophe GILLET, he launched a private architectural office in Lyon (France), specialized in restoration of architectural heritage and construction of new eco-buildings ([www.detry-levy.eu](http://www.detry-levy.eu)).

In 2016 he presents a doctoral thesis at the university of Lyon about the restoration of "martyred heritage" in Europe during and after the Second World War (Le patrimoine martyr et la restauration post-bellica en Europe). From September 2017 he is assistant professor at the Ecole Nationale Supérieure d'Architecture de Clermont-Ferrand (ENSACF). His architectural activity is tightly associated with research and writing experiences, connecting conservation and heritage with urban and architectural compositional aspects, research into the history and theory of architectural restoration in Europe. He is a member of ICOMOS France.

**6\_Renato MORGANTI.** Full professor in Building Technology at *Università dell'Aquila, Ingegneria Civile, Edile – Architettura, Ambientale* Department. Member of Doctorate professor board. He taught at *Politecnico di Torino* and at *Facoltà di Ingegneria* in Cassino. He has been leading seminars as well as developing researches by the HUT, Helsinki University of Technology and the Finnish IIC, International Institute for Conservation.

Architecture and building typologies in contemporary production, modern construction Italian history, typologies investigation and small urban nucleuses design in Abruzzo and innovative sustainable architecture technologies have been his research main topics at any level: local, national and international.

**7\_Burkhard PAHL.** Prof. Dipl.-Ing. Architect BDA (Association of German architects). Architect and director of the Institute of building design and management, Leipzig University; head of „Rektoratskommission Universitätsneubau“ at Augustusplatz. Since 1999, Dean of study affairs, department civil engineering at Leipzig University; project partner for interdisciplinary research projects. Long-time teaching experience in architecture and civil engineering in branches like building construction, structural design and design at TU Darmstadt and Leipzig University. Experience in knowledge transfer and multimedia learning (e-learning). Project partner in the successfully installed learning-program WIBA-Net (material for the building industry) with 6 partners from universities; especially constructional and creative basics, creation of an architecture surface; another "e-learning" project "I-Kult" about basics of building culture.

Several successfully completed research projects and publications considering sustainable resources in buildings, about questions of town development and shrinking cities, sustainable development and special methods of construction. Notable successful competitions (incl. 11 front-rankings), prices and honourings for realised constructions, i.a.: “honouring” German steel construction price 2003, IOC/IAKS Award 2003, “steel innovation price” Renault Traffic Design Award 2006, “Honourable mention” International Biennial Barbara Cappochin Architecture Prize 2007, Hessian timber construction price 2008, several BDA prices, i.a.

**8\_Nicholas RAY.** Reader Emeritus in Architecture at the University of Cambridge, Emeritus Fellow of Jesus College, Cambridge, and Visiting Professor in Architectural Theory at the University of Liverpool. He is the author of numerous articles, and five books to date: *Cambridge Architecture, a Concise Guide* (Cambridge University Press), *(Re)Sursele Formei Arhitecturale* (Paideia, Rumania), *Alvar Aalto* Yale University Press), *Architecture and its Ethical Dilemmas* (Routledge), and an introductory book for students, with Christian Illies, *Philosophy of Architecture* (Cambridge Architectural Press). In December 2015, with Francisco Gonzalez de Canales, and also with Yale University Press, he published *Rafael Moneo: Building, Teaching, Writing*.

He is a practising architect, and director of NRAP Architects in Cambridge. Much of the practice’s work has been for tertiary education, and in the context of listed buildings.

### 13. PARTNERS



**Atti e Rassegna Tecnica**, since **1867** SIAT official magazine.



## SEARCHING FOR AREAS FOR SMALL NUCLEI OF TINY SHELTERS

### AREA 1. TEATRO DI TORINO (SCRIBE)

Urban void left by the Teatro di Torino (ex Teatro Scribe) near the Mole Antonelliana. The bombings of 1942 irreparably damaged the theatre, built in 1857 to a design by architect Giuseppe Bollati. It was an avant-garde theatre and then the Auditorium for RAI Television:

- <https://goo.gl/maps/vmJyNBvgasr>
- coordinatesS:  
45°04'07.8"N 7°41'32.1"E  
45.068833, 7.692250





SIAT *Associazione culturale senza scopo di lucro*

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## AREA 2. THE LOWER ROYAL GARDENS (GIARDINI REALI)

Northern entrance to the historic city centre through the bastions of the old city walls and close to Palazzo Reale (the Royal Palace). The public garden is overlooked by the Bastione di San Maurizio (Bastion of San Maurizio):

- <https://goo.gl/maps/k9mN62yV3aD2>
- coordinates:  
45°04'17.7"N 7°41'25.5"E  
45.071586, 7.690418



