

## TIME AND ARCHITECTURE

The term "time" is a word of everyday use to which we attribute many meanings.

Time can indicate a chronological dimension between past, present and future, an epoch or a period, a phase of action, as well as in the Italian language meteorological conditions and their variations.

In philosophical and scientific thought the term "time" is related to the becoming or to the changeless and homogenous time according to Galileo Galilei and Isaac Newton.

Moreover, it can be seen as change in perceptions, existential states or the memory of a primitive condition.

As stated by the essayist physicist and writer Carlo Rovelli (2017), time «is perhaps the greatest mystery».

The contemporary age stimulates reflections on the comparison between linear views of time, typical of modernity and the industrial age, and measures of a different type such as the succession of generations, or the "timeless" phenomena of quantum physics, where only relationships count. Time in its different meanings constitutes a fundamental factor of forecasting, of the future and, therefore, of the project.

To judge Architecture, argued Giò Ponti (1957), «is necessary to add time to the elements». On the other hand, Rafael Moneo (1999) reminds that «the work of architecture transcends the architect, it goes beyond the instant in which its construction takes place». Thus, in the powerful affirmation of an oxymoron, time becomes the main immaterial material of architecture. The cities, according to Lewis Mumford (1999), «are a product of time. They are the molds in which the lives of people have cooled down and solidified».

An important domain takes shape, contemporary architectural production deals with dialectically considering the assumption, from the initial phases of the design process, of strategies inspired by permanence and options oriented towards temporariness. The first is linked to the traditional concept of a durable building and the second that assumes it as a product of limited and programmable duration, with rapid obsolescence, ephemeral, of consumption.

Starting from these premises, TECHNE 20 intends to collect research and design experimentation contributions, as well as essays and critical reflections, useful in defining, also in relation to other scientific fields, the scenario within which take place today the debate about the very close link between time and architecture.

### 1. Time as design factor/variable

The duration is now necessarily a factor of the conscious project also in relation to the environmental impacts of the life cycle of the building material and of the resources necessary for its existence.

The topic, with reference to the project choices, includes insights into the impact on the language of the new design paradigms: from reversibility to flexibility, from ease of disassembly to transportability; from recyclability to self-sufficiency energy.

### 2. Time as performance factor/variable

The useful life cycle, the Anglo-Saxon Service Life, is a time reference with strong qualitative connotations. Not a simple numerical expression in years of life, but evaluation of the expected quality levels of each part and each component.

The topic includes in-depth studies related to the classes of requirements – and their theoretical and experimental results – which give rise to the requests for specific quality performances over time, measurable in terms of extension of the "mission" during which certain levels of reliability must be maintained and maintainability.

### 3. Time as organization factor/variable

The implementation processes (design, construction, implementation) presuppose the management of resources with the aim of keeping the main variables under control: the respect of time, respect for costs, respect for quality, attention to human resources, the risks.

The topic, privileging focus on the incidence of the time variable, includes theoretical-methodological in-depth analysis related to experimental applications of techniques and procedures for the management of complex projects (eg. Project Management, Lean Construction, Value Engineering, etc.).

### 4. Time as transformation factor/variable

Time, transforming the material surfaces, the urban image, the relationship with the contexts, makes a patrimony of signs and values permanent, or at least enduring. Inappropriate additions, historical or modern transformations, designed or even spontaneous, sometimes symbiotic with the original artefacts, sometimes as open wounds.

The topic includes reflections and experiments related to anthropic interventions on the environment, built or not, the natural processes of degradation, as well as the relationship between the transformations induced by these and the changes in architectural semiotics.

## PUBLICATION DATE TECHNE | 20 OCTOBER 30<sup>TH</sup>, 2020

Authors are invited to send an abstract of **4.000 characters**, spaces included, in Italian - or English, in case of foreign author - which must include the main contents envisaged by the article to be proposed. **Each author can submit only one abstract** (individually or within a group of authors). The abstract must be written in a concise and clear manner, making an effective response to the CALL theme and following the track of the following points:

- object of the proposal and aim of the article;
- approach and/or methodology.

The authors are required to specify whether the contribution is intended for the "Research and Experimentation", "Essays and Points of View" or "Advanced Search (Under35)" section and to indicate the relevant topic. **Abstracts without indication of the type of contribution and topic will be taken into consideration.**

In particular, the article "Research and Experimentation" and "Advanced Research (Under 35)" will have to highlight:

- approach and / or methodology;
- results: analytical, propositional and debate aspects;
- originality: explaining what is expressed again and for whom;
- limits of research and significant developments;
- cultural, practical and / or socio-economic implications (when present);
- reference research / research, relevance of the topic, subjects involved, possible financing.

In the case of an article for the "Essays and Points of View" section, attention should be paid to:

- cultural and scientific background related to the subject matter;
- analytical aspects, critical framework or debate on the topic;
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For both sections, the abstract has to be introduced by specific keywords, reflecting the essential elements of the paper (max 5).

**Non-compliance with the indications will constitute a reason for exclusion.** The abstract has to be sent to [redazionetechne@sitda.net](mailto:redazionetechne@sitda.net) by **December, 13th 2019, using the sheets attached to this call.**

The authors of the accepted abstract will receive information by the Editorial Team starting from **January, 17th 2020**. Once the abstract has been accepted, the authors are invited to submit the paper by **February, 28th 2020**. The received abstracts will be submitted, anonymously and purified of the elements of possible identification, carried out by the Board selection.

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**24.000 ÷ 25.000 (characters, spaces included)** in the case of multiple authors;  
**including notes, images/ ables (max 8), captions and bibliography (max 5 references).**

Authors of accepted contributions, reviewed by double blind peer review by referees, will receive the results by **April, 10th 2020** and the final draft of the article, eventually integrated on the basis of the referees' observations, must be delivered by **May, 29th 2020**. The articles must be written entirely in Italian and translated into English (including image captions and the texts of tables). The texts, bibliographical references, images and notes must comply with the "Regulations for Authors", shown on the magazine's website at the address: <http://www.fupress.net/index.php/techne/information/authors>. **Failure to comply with these rules may determine the non-acceptance of the paper.**

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**ABSTRACT: Research and Experimentation - Advanced Research (Under 35)**

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