

INSIDE THE POLYCRISIS. THE POSSIBLE NECESSARY

Ten years after the first issue of *Techne* journal – “Beyond the crisis” – we are still and deeply “inside the crisis”. The changeability and growing complexity of socio-economic and climatic-environmental scenarios are accentuated by the pandemic emergency and they highlight a persistent and structural polycrisis condition, determining an “evolutionary ridge” that questions the categories of knowledge and relationships between humanity, environment and technological development. The polydimensionality of the risk makes the very idea of crisis inadequate, requiring necessary metamorphoses of the housing and socio-economic contexts.

This dramatic but also challenging phase involves the deployment of unparalleled resources and investments for the social, environmental and economic “reconstruction” of Europe and our country, providing adequate responses in the perspective of ecological transition and digital culture affirmation. Many of the most recent reflections and projects for the post-covid city do not seem capable of overcoming the emergency or the conventional logics of a mainstream design culture aimed at formalistic or reductionist solutions.

In this context, the redefinition of roles and contents of the scientific research, today particularly misaligned, acquires relevance in its ability to respond to crises and impacts on the territories, but also to affect the conception of the project in order to welcome convergent skills for new living and building models.

The topics proposed by the Call for n. 23 of the journal arise from the conviction that the condition of polycrisis must be faced with the “optimism of the necessity” for a “possible necessary”, promoting innovation and research advancement to understand, contrast, coexist and overcome interconnected crises, providing reliable answers to the social demand. With the construction of innovative scenarios, evolutionary processes, technical policies, guidelines, regulatory systems and design experiments, the foundations for giving birth to new ways of thinking and living the city and the territory must be laid.

To the contributions that will be presented for this Call it is requested a critical reflection both on strategies and actions to face the causes and effects of crises, and on what and how to innovate in order to achieve the objectives of the ecological transition in urban regeneration, in the satisfaction of housing needs and a safety and sustainable development of the built environment, ensuring conditions of inclusiveness and social equity.

TECHNE n. 23 intends to collect documented contributions aimed at

highlighting how the knowledge and the project can contribute to co-living with the condition of polycrisis (and to overcome it) with unconventional interpretations and experiments, adequate to the complexity of the real.

Contributions are requested to highlight the priority areas of action with reference to one of the following topics:

1. The eco-social transition of the city and the territory

What processes, methods and tools to design a city in which the eco-sustainability of processes, projects and products is combined with the health of inhabitants, social equity and quality of buildings, neighborhoods, cities and territories?

How to conceive and implement decentralization and participation in decision-making processes within a polycentric dimension that guarantees autonomy and subsidiarity, and that protects against possible socio-technical drifts?

What innovations of the project and processes in architecture are necessary to transform, adapt, reconvert the existing with new purposes and uses, or to re-activate it for new and changing needs, mitigating its environmental impacts?

2. The issue of living

How to deal with the dwelling emergency through an innovative conception of habitats according to strategies and actions for evolved settlement ecosystems?

What adjustments to make in the planning, technical policies, standardization and contents of the architectural project?

What techno-typological innovation of tangible and intangible networks and infrastructures to introduce for new models of interpretation and organization of living forms and socio-economic assets? How to rethink the housing within a new cultural, planning and production condition oriented towards the self-sufficient approach, capable of marking new civil and ethical values?

3. The eco-systemic conversion of the construction sector

How to innovate production process and forms of production within the building field, also in the innovative interactions with other sectors, to adapt them to the new complexities of construction, with respect to the advanced concepts of circular economy, carbon neutrality and building renovation?

What new roles and redefinitions of organizational models and operational processes to propose for the world of professions and public administrations?

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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;
- approach and / or methodology..

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 by **May, 31th 2021**, using the sheets attached to this call.

The authors of the accepted abstract will receive information by the Editorial Team starting from **June, 28th 2021**. Once the abstract has been accepted, the authors are invited to submit the paper by **October, 03th 2021**. The received abstracts will be submitted, anonymously and purified of the elements of possible identification, carried out by the Board selection.

The paper has to respect the limit of max:

18.000 ÷ 20.000 (characters, spaces included) in the case of single author;
24.000 ÷ 25.000 (characters, spaces included) in the case of multiple authors;
including notes, images/ ables (max 8), captions and bibliography.

Authors of accepted contributions, reviewed by double blind peer review by

referees, will receive the results by **November, 26th 2021** and the final draft of the article, eventually integrated on the basis of the referees' observations, must be delivered by **January, 16th 2022**. The articles must be written entirely in Italian and translated into English (including image captions and the texts of tables). As concerns the English translation of the selected contributions, along with the final paper, authors will be asked to send a form, with the references of the author of the translation, in order to certify its conformity. 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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A section devoted to **papers of advanced search**, proposed by **researchers under 35**, is foreseen: papers (up to 2) which receive and "Excellent" evaluation in the abstract selection and subsequent double blind review, **will be published by SITdA** with no publication fee.

Considering also the contributions of several authors, **an author may appear only once in the same number and may not publish on two consecutive issues of the magazine.** The members of the Board and of the Scientific Committee can publish papers with a time interval of one and a half years, also considering contributions with multiple authors.

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

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Topic (*indicate only one*)

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3.

Title (*max 95 characters, including spaces*)

Keywords (*max 5*)

Approach and/or methodology (*max 1.000 characters, including spaces*)

Results: analytical aspects, proposals, debates (*max 1.000 characters, including spaces*)

Originality: by explaining what is new and for whom (*max 500 characters, including spaces*)

Limits of the research and significant results (*max 500 characters, including spaces*)

Cultural implications (practical or socio-economic) when present (*max 500 characters, including spaces*)

Reference to research/researches (formalized by administrative acts and by the presence of third parties), relevance of the topic, subjects involved, eventual fundings (*max 500 characters, including spaces*)

References (*max 5 references – with a maximum of one bibliographic contribution, where the author of the abstract appears as an author of the reference*)

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Title (max 95 characters, including spaces)

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Cultural and scientific background with regard to the proposed topic (max 1.500 characters, including spaces)

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Approach and/or methodology (max 1.000 characters, including spaces)

References (max 5 references –with a maximum of one bibliographic contribution, where the author of the abstract appears as an author of the reference)

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