

## [Call for papers in the International Symposium of Architecture, Technology and Innovation \(ATI\) - 2021: "Designing for Uncharted Territories"](#)

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Type:

Call for Papers

Date:

February 15, 2021

Location:

Turkey

Subject Fields:

Architecture and Architectural History, Digital Humanities, Environmental History / Studies, Public Health, Urban Design and Planning

The call for papers in the International Symposium of Architecture, Technology and Innovation (ATI) has started and will continue until February 15, 2021. For this year, the subtitle of the Symposium is determined as "Designing for Uncharted Territories."

The International Symposium of Architecture, Technology and Innovation (ATI) welcomes all papers related to

- Architecture/Urban Design Response to Disasters and Pandemics
- Economic, Political crises, and Socio-environmental transformations
- Professions' adaptability
- Aging, population change, cultural shifts and migration
- Resilient Design Strategies
- Responsive and Adaptive Technologies
- Smart and Bio-based Materials
- Circular Economy in the Built Environment
- Digital Fabrication and Robotic Technologies in Design
- Urban Utopias/ Dystopias
- Agriculture and farming strategies in Cities
- Designing for Extreme Environments
- Modelling uncertainty in Computational Design
- Digital Tectonics and New Materialities
- Design Education in the Digital Age
- Urban mining and building industry waste management
- Co- Participatory and Inclusive Design Strategies
- AI and Augmented Reality in Design
- Locative Media, Mobile applications and Space
- Designing for Trans / Post-human

Citation: Ipek Ek. *Call for papers in the International Symposium of Architecture, Technology and Innovation (ATI) - 2021: "Designing for Uncharted Territories"*. H-Announce. 05-27-2022.

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Brief:

The condition of constant change is the most reliable aspect of today's world. The rapid and groundbreaking transformations in the mutual relationship between social systems and technology have introduced uncertainty in each aspect of everyday life regarding the question of what to expect from the future. The transformation of ecosystems due to climate and demographic changes along with rapid population growth forces us to be aware of this uncertainty and leads to find new solutions for living together as a society. Regardless of technological and socio-economic achievements, communities around the world have been taken off-guard when facing sudden environmental transformations, becoming mere witnesses of their negative effects rather than active agents of a resilient architecture and urbanism.

Established social structures and political systems shatter under the pressure of these unanticipated collective experiences. Existing architectural and urban codes fall too short to deal with the vital problems of the present, let alone of the future, which with design, we should tackle urgently. Not only the practical applications of digital technologies, new materials and innovative structural systems but also the way of thinking architecture as a discipline per se, should be reconsidered in the perspective of this uncertainty. The uncertainty that entails a departure from known every day for uncharted territories, as both individual and community, requires a multi / inter / trans-disciplinary approach.

ATI 2021, 2nd International Symposium of Architecture, Technology and Innovation aims to provide scholars and practitioners from various backgrounds with an academic environment to question state-of-the-art tools, techniques and methodologies applied in designing built environments that will be resilient to what the future brings.

The ATI 2021 Symposium will follow a hybrid format with both in-person and online contributions. Please note that the symposium will be held entirely online, on the same dates, if restrictions to prevent the spread of the coronavirus pandemic will make this necessary.

The symposium wants to discuss the answers to the following questions:

- How will state-of-the-art digital technologies change our built environments and social structures?
- What are the emergent architectural design, fabrication, material, and technologies to be used in the future?
- How communities can foresee disasters and how can architecture help to anticipate a response from a design perspective?
- What disciplines must be integrated into a resilient architecture?

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- How architects can design for uncertainty?
- How can architecture help communities for both anticipated design redundancy and quick post-disaster recovery?
- What would be the potential roles of the architect in the future?
- What would be the role of architecture and design in reducing the human footprint on the environment?
- How does authorship in architecture change with technological developments in Artificial Intelligence?

Important dates:

15.02.2021 : Deadline for the Extended Abstract

31.03.2021 : Notification of Acceptance

31.07.2021 : Final Full-text Submission

15.08.2021 : Notification of Final Acceptance

22-24.09.2021 : Symposium

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