

## Abstract

The habilitation thesis intitled “**The place of architecture in an ephemeral world - Architectural, urban and design perspectives in an interdisciplinary research approach**” presents the most important research topics and fields covered by the author after completing her doctoral studies in 2015.

**The first chapter** of this paper is dedicated to the research activities undertaken in the last 6 years and is metaphorically entitled “**Defined variables**”. This first part presents the results of analyzes and studies carried out in several directions: architecture dedicated to children and the social context, architectural perceptions and the main factors that can determine it, sustainable architecture, geometric perfection between craftsmanship and digital tools, the evolution of architecture and styling in relation to historical context, education, interior architecture, etc. All the determined factors of the researched subject were always followed, thus resulting in interdisciplinary articles.

During this period were published: 1 author's book published by prestigious international publishers, 4 author's books published by prestigious national publishers, 1 article in extenso in BDI indexed scientific journals, 25 extenso publications in works of scientific conferences on architecture, urbanism, landscaping, design, and restoration, as well as related sciences - for transdisciplinary specializations, at international and national level (of which 10 indexed ISI Web of Science). The research results were presented at 23 national and international conferences, colloquia, symposiums.

A separate subchapter - A.1. Architecture dedicated to children - is allocated to the presentation of the research activity carried out at the Romanian Institute of Culture and Humanistic Research in Venice within the postdoctoral fellowship "Nicolae Iorga", with the project: "Architectural Strategies for Romanian Children Living Abroad" between 13.01.2019- 13.10 .2019.

Scientific research in the field of sustainable development was materialized through a research grant funded by the Fund for Bilateral Relations - Ro14 Program “*Research in Priority Sectors*” with the project - *Green Infrastructure - Concepts on Urban Sustainability and Rural Conservation (GreenInfra)* which was presented, in this thesis, in the chapter: *A.2.1- Green infrastructure*.

**The second chapter** entitled “**B. The construction of ephemeral perceptions**” presents the main professional achievements from the position of architect within his own company S.C. AIR A RIA DESIGN SRL. Two implemented projects that are particularly important for the author are presented. They represented the possibility to apply in the real design: the principles, the theories studied and proposed in the diploma, dissertation, and doctoral thesis. Also, in this chapter are mentioned in general the main projects carried out starting from single-family homes, interior design for: medical offices, law offices, hotels, etc. and the activities undertaken in the field of urbanism (realization of zonal development projects, historical and landscape studies but also urban and architectural studies for the extension of public

lighting systems). Special subchapters in the thesis are assigned to the result of the most important implemented projects.

The third part of the thesis, „**C. The Theory of Architectural Variables**” consists in presenting the academic and didactic achievements from the perspective of various experiences of interacting with architecture within the Faculty of Architecture and Urbanism - Politehnica Timișoara:

- **To teach** notions of architecture, the most difficult mission and with a significant responsibility in the conditions in which the design process is in a continuous adaptation to the social, historical, and economical context. The students' awareness of the need to connect to everything that happens in the studied field and related fields as a primary condition to offer a perennial architecture is detailed by presenting the way of carrying out the activity in two courses: Interior Styling and Interior Architecture 2. All this activity has been presented in detail in chapter *C.1. The language of architecture*.
- **To experience architecture** both through the Summer Schools organized in the last 4 years; through the “*Little Architects*” *Workshop* held in the country and abroad, activities detailed in chapter C.3.2.; through the organized international Masterclasses which are detailed in Chapter C.7; as well as through international study visits (to the Milan Furniture Salon, to the Venice Art Biennale / Venice Architecture Biennale) or national site visits, to furniture manufacturers or salons.
- **To exhibit** through the exhibitions of student projects organized over the last years and detailed in chapter *C.4. Progress, new directions, and trends in interior architecture - Coordinating exhibitions*.
- **To guide** as dean of the first year of study at Specialization Furniture and interior design, Head of office within the Faculty of Architecture and Urbanism within the Center for Career Counseling and Guidance (CCOC) UPT, but also as: member of the commission guidance of doctoral students; supervisor of diploma projects and dissertation papers starting with the university year 2015/2016. All these activities were detailed in chapter *C.5. The potential of the profession of architect in an unstable environment - Counseling on career guidance within the Faculty of Architecture and Urbanism-UPT*.
- **Appreciate architecture** - as a member of the Commission for the evaluation of dissertation papers from the master's degree “*Trends, new materials and technologies in interior design*” for the last 5 years; member of the jury of the Urban Link-Timisoara competition organized by *ErgoWork Society* and *Green Forest* between March 15 and June 15, 2021, member of the jury for the student project competition - “*Sit with me and relax*” organized by FAUT and the Central Library of the University Politehnica; but also to assess the skills of future student architects as a member of the Commission for the evaluation of admission papers in 2016, 2017, 2018, and 2019 and as a member of the jury of the National Competition “*Politehnica Timișoara through my eyes*” edition 1 in 2020 and the 2nd edition in 2021. These activities have been detailed in subchapter *C.6. Art and Architecture*.

The variables presented and analyzed in these chapters require the enunciation of future perspectives, the bases of a career being the establishment of new scientific, academic, and professional objectives. The first goal was to guide PhD students in the fundamental field of "Architecture" with topics related to the directions analyzed during the scientific activity of the author or related to them.

**The last part of the thesis, entitled "D. Variables of the future"** presents plans for career evolution and development as well as the main research directions proposed by the author to possible candidates for PhD studies in the field of Architecture.