


**FACULTY OF ARCHITECTURE AND URBAN PLANNING**  
**PROJECTED SPACE | PRODUCED SPACE | PERCEIVED SPACE - RESEARCH GROUP**

**Contact details**

Name	Projected Space   Produced Space   Perceived Space Research Group
Acronym	ppp SPACE
Logo	
Site	<a href="https://www.facebook.com/groups/spatiuproiectat.spatiuprodus.spatiupercept/">https://www.facebook.com/groups/spatiuproiectat.spatiuprodus.spatiupercept/</a> , <a href="http://research.utcluj.ro/index.php/architectura.html">http://research.utcluj.ro/index.php/architectura.html</a>
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Faculty Department	Faculty of Architecture and Urban Planning/ Department of Architecture
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**Areas of expertise**

- research in theory of architecture and architecture criticism
- interdisciplinary studies bordering on theory of architecture, culture theory, psychology, philosophy and sociology
- miscellaneous studies related to space, spatiality, and interpretations of space

**Team and key skills**

<p>active members:</p> <ul style="list-style-type: none"> <li>• <b>Senior Lecturer Dr. Arch. Dana JULEAN</b>, Faculty of Architecture and Urban Planning, Technical University of Cluj-Napoca - theory of architecture, culture theory, space psychology and perception, interdisciplinary studies, evidence-based design</li> <li>• <b>T. Assist Dr. Arch. Smaranda TODORAN</b>, Faculty of Architecture and Urban Planning, Technical University of Cluj-Napoca - theory of architecture, architecture criticism, politics of heritage, theory of monuments, cultural sustainability</li> <li>• <b>Dr. Arch. Adriana MĂGERUȘAN</b>, Faculty of Architecture and Urban Planning, Technical University of Cluj-Napoca - theory of architecture, culture theory, human geography, socio-spatial practices, tactical urbanism</li> </ul> <p>other collaborators:</p> <ul style="list-style-type: none"> <li>• <b>Senior Lecturer Dr. Arch. Dan-Ionuț JULEAN</b>, Faculty of Architecture and Urban Planning, Technical University of Cluj-Napoca - history of architecture, art history, theory of architecture, enhancement of cultural heritage, lifestyle, genealogy</li> <li>• <b>T. Assist. Ph.D. candidate Arch. Călin Șerban SPÂNU</b>, Faculty of Architecture and Urban Planning, Technical University of Cluj-Napoca - theory of industrial heritage, functional reconversion of industrial heritage, architectural and urban design</li> </ul> <p>external collaborators:</p> <ul style="list-style-type: none"> <li>• <b>Senior Lecturer Dr. Silviu MATU</b>, Faculty of Psychology and Education Sciences, Babeș-Bolyai University - emotion regulation, research methods and statistics, virtual reality, social robotics</li> <li>• <b>T. Assist. Dr. Kinga SZABO</b>, Faculty of Psychology and Education Sciences, Babeș-Bolyai University - creativity and intelligence, social intelligence and creativity, creativity in architectural design</li> </ul>
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**Infrastructure**

- research office - Faculty of Architecture and Urban Planning, 30 René Descartes str., room 14
- hardware provided by the Faculty of Architecture and Urban Planning

## Development strategy

The group aims to research topics under the general concept of *space* in its three instances:

- *projected space* • the study, theory and criticism of the space imagined by its architect, namely a space which is imagined, designed, but not built yet;
- *produced space* • the study, theory and criticism of the physical space, the built space, in all its instances - micro-architecture, temporary architecture, spatial experiments, architectural object, urban space configurations;
- *perceived space* • the study, theory and criticism of the space as it is understood by its user, a perception which presupposes cultural, psychological, philosophical and/or social differences.

The group's goal is to broaden the research horizon of a field such as *the theory of architecture* through interdisciplinary and transdisciplinary studies which could widen the range of research methods, thus generating significant data for the field, both in theory and in architectural design. Therefore, the objective is to develop research projects with funding and to also sign contracts with third parties.

The research conducted by the group will be disseminated through national and international conference participations, workshops and through the publication of articles, books, guides and/or textbooks, as well.

## Representative projects

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## Significant results

### articles in journals indexed in International Databases

- **POP, Dana.** "Theorising Between Space and Place: A Case Study on Perceptive Architecture - Serpentine Gallery Pavilions", *Philobiblon* vol. XX, nr. 2 (2015): in print. Cluj-Napoca: Cluj University Press. ISSN: 1224-7448 <http://www.philobiblon.ro/> (**BDI - ProQuest, ERIH Plus, Scopus-SciVerse**)
- **POP, Dana.** „Experiencing the relationship between architectural space and the major space phobias”, *Urbanism. Arhitectură. Construcții* vol. 6 nr. 4 (2015): 33-44. Bucharest: Institutul Național de Cercetare – Dezvoltare în Construcții, Urbanism și Dezvoltare Teritorială Durabilă URBAN-INCERC. ISSN: 2069-0509 <http://uac.incd.ro/> (**BDI - Copernicus Master Journal List, Ulrich's Web Global Serials Directory, Ebscohost, ProQuest**)
- **POP, Dana; JULEAN Dan-Ionut.** "The Monument Between Place and Fetishism", *Acta Technica Napocensis: Civil Engineering & Architecture* vol. 58, nr. 1 (2015): 5-16. Cluj-Napoca: UT PRESS. ISSN: 1221-5848 <http://constructii.utcluj.ro/ActaCivilEng/> (**BDI - Index Copernicus**)
- **POP, Dana.** "Three Approaches in Defining the Space-Place Relationship", *Acta Technica Napocensis: Civil Engineering & Architecture* vol. 57, nr. 3 (Special Issue: International Workshop in Architecture and Urban Planning. Continuity and Discontinuity in Urban Space. QUESTIONS 2014): 278-286. Cluj-Napoca: UT PRESS. ISSN: 1221-5848 <http://constructii.utcluj.ro/ActaCivilEng/> (**BDI - Index Copernicus**)
- **POP, Dana.** "Analysing Architectural Determinism - the Physical Environment as a Mnemonic Device", *Philobiblon* vol. XIX, nr. 1 (2014): 162-172. Cluj-Napoca: Cluj University Press. ISSN: 1224-7448 <http://www.philobiblon.ro/> (**BDI - ProQuest, ERIH Plus, Scopus-SciVerse**)
- **POP, Dana.** "Hide and Seek - Expressing the Behavioural Norms of the Group and the Environment", *Acta Technica Napocensis: Civil Engineering & Architecture* vol. 56, nr. 3 (Special Issue: Interferences in architecture and urban planning. Architectural teaching and research. QUESTIONS 2013): pp. 228-235. Cluj-Napoca: UT PRESS. ISSN: 1221-5848 <http://constructii.utcluj.ro/ActaCivilEng/> (**BDI - Index Copernicus**)
- **POP, Dana.** "Space Perception and its Implication in Architectural Design", *Acta Technica Napocensis: Civil Engineering & Architecture* vol. 56, nr. 2 (2013): pp. 211-221. Cluj-Napoca: UT PRESS. ISSN: 1221-5848 <http://constructii.utcluj.ro/ActaCivilEng/> (**BDI - Index Copernicus**)
- **POP, Dana.** "Aspects of Identity in Contemporary Architectural Space", *Philobiblon* vol. XVIII, nr. 2(2013): pp. 415-426. Cluj-Napoca: Cluj University Press. ISSN: 1224-7448 <http://www.philobiblon.ro/> (**BDI - ProQuest, Scopus-SciVerse**)
- **POP, Dana.** "Space An Allegory of Space", *Acta Technica Napocensis: Civil Engineering & Architecture* vol. 55, nr. 4 (Special Issue: QUESTIONS - Trends in Architectural and Urban Planning Education - Between Fundamental Approach and Research by Design, 2012): pp. 377-383. Cluj-Napoca: UT PRESS. ISSN: 1221-5848 <http://constructii.utcluj.ro/ActaCivilEng/> (**BDI - Index Copernicus**)
- **TODORAN, Smaranda Maria.** „Enduring Difficulties and Contradictions in the First Modern Theories Behind Restoration”, *Acta Technica Napocensis: Civil Engineering & Architecture* – in print. Cluj-Napoca: UT PRESS. ISSN: 1221-5848 <http://constructii.utcluj.ro/ActaCivilEng/> (**BDI – Index Copernicus**)
- **TODORAN, Smaranda Maria.** „The Idea of Ruin as an Operative Concept in Certain Contemporary Design Approaches”, *Acta Technica Napocensis: Civil Engineering & Architecture* – in print. Cluj-Napoca: UT PRESS. ISSN: 1221-5848 <http://constructii.utcluj.ro/ActaCivilEng/> (**BDI – Index Copernicus**)
- **TODORAN, Smaranda Maria.** „Landscape, Architecture and the City: Questions on an Ecological Approach to Plant Design in Architectural and Urban Contexts”, *Acta Technica Napocensis: Civil Engineering & Architecture (Special Issue: Questions 2015)* – in print. Cluj-Napoca: UT PRESS. ISSN: 1221-5848 <http://constructii.utcluj.ro/ActaCivilEng/> (**BDI – Index Copernicus**)
- **TODORAN, Smaranda Maria.** „Questions on Time at the Crossroads of Architecture And Landscape Design”, *Acta Technica Napocensis: Civil Engineering & Architecture (Special Issue: Questions 2015)* – in print. Cluj-Napoca: UT PRESS. ISSN: 1221-5848 <http://constructii.utcluj.ro/ActaCivilEng/> (**BDI – Index Copernicus**)
- **TODORAN, Smaranda Maria, PATACHI, Laura.** „Cultural Sustainability and Issues of Urban Memory”, *Acta Technica Napocensis: Civil Engineering & Architecture (Special Issue: Questions 2015)* – in print. Cluj-Napoca: UT PRESS. ISSN: 1221-5848 <http://constructii.utcluj.ro/ActaCivilEng/> (**BDI – Index Copernicus**)

#### articles in conference proceedings

- SZABÓ, Kinga, **POP, Dana**, JULEAN, Dan-Ionut, SZAMOSKÖZI, Ștefan. "The Relationship Between Analogical Reasoning and Creativity", in **Conference Proceedings: Sgem International Multidisciplinary Scientific Conference On Social Sciences & Arts**. Sofia: STEF92 Technology Ltd., 2015, pp. 235-241. ISBN 978-619-7105-44-5, ISSN 2367-5659 <http://www.sgemsocial.org>
- **POP, Dana**. „Experimentând relația dintre spațiul arhitectural și fobiile spațiale majore”, in **Lucrările conferinței de cercetare în construcții, economia construcțiilor, urbanism și amenajarea teritoriului vol. 9**, ed. Alexandru-Ionuț Petrișor and Vasile Meiță. Bucharest: Institutul Național de Cercetare – Dezvoltare în Construcții, Urbanism și Dezvoltare Teritorială Durabilă URBAN-INCERC, 2015, pp. 45-55. ISSN 2393-3208 <http://www.incd.ro/conferinte/>
- **POP, Dana**. „Compoziția și percepția spațiului - o perspectivă arhitecturală”, in **Simpozionul Preuniversitară ediția a XVII-a, 21 martie 2015**. CD-ROM. Cluj-Napoca: Editura Casei Corpului Didactic Cluj, 2015, [f.p.]. ISSN 1842-7618 [http://www.isjc.ro/html/2015/lanuarie/anunt\\_simpozion\\_cont\\_modificat.pdf](http://www.isjc.ro/html/2015/lanuarie/anunt_simpozion_cont_modificat.pdf)
- **POP, Dana**. "Space Perception and its Implication in Architectural Design", in **Proceedings of the first International conference for PhD students in Civil Engineering CE-PhD 2012**, ed. Cosmin G. Chiorean. Cluj-Napoca: Eikon, 2012, pp. 705-711. ISBN 978-973-757-710-8
- **TODORAN, Smaranda Maria**. „The Use of Vegetation as Expression of a Happy Memory in Jean Nouvel's Recent Projects”, in *City Plantastic - World in Denmark, Papers* [Online] <http://ign.ku.dk/english/research/landscape-architecture-planning/landscape-architecture-urbanism/world-in-denmark/world-denmark-2012/papers/>.
- **TODORAN, Smaranda**, MATEI, Adriana, ELISEI Pietro. „Sustainable urban design in the town of Pitesti, Romania. Case study – 'Exercitiu' neighborhood”. in: *Proceedings of the XXXVIII IAHS World Congress*. Ed. Oktay Ural, Muhammed Şahin, Derin Ural. Istanbul: International Association for Housing Science, 2012, p. 176. ISBN: 978 975 561 417 5 ; ISBN: 978 975 561 418 2 (CD-DVD)
- MATEI, Adriana, **TODORAN, Smaranda**, ELISEI, Pietro. „Urban design for growing the quality of life in the residential neighborhoods”. in: *International Journal for Housing Science*, Vol.37, No.2 pp.53-62, 2013. ISSN: 01466518 <http://www.housingscience.org/index2.htm>

#### books

- **POP, Dana**. *Despre percepția spațiului în arhitectură*, Bucharest: **Paideia** (cod CNCIS 267), 2015. ISBN: 978-606-748-038-2 <http://www.paideia.ro/>
- MILEA, Andreea; **POP, Dana**. *Despre relevu. Practici de vară în Hazsongard*, Cluj-Napoca: **UT Press** (cod CNCIS 161), 2012. ISBN: 978-973-662-747-7 <http://utcluj.ro/editura/>
- **TODORAN, Smaranda Maria**. *Construire dans le construit. Le détail à la Fondation Querini Stampalia*, Sarrebruck: Éditions Universitaires Europeennes - OmniScriptum GmbH & Co. KG, 2015 (ISBN: 978-3-8416-7588-0) <https://www.editions-ue.com/>

#### The offer addressed to the economic environment

Research & development in key areas	<ul style="list-style-type: none"> <li>• theory of architecture, architecture criticism</li> </ul>
Research & development in applied fields	<ul style="list-style-type: none"> <li>• interdisciplinary studies bordering on theory of architecture, culture theory, psychology, philosophy and sociology</li> <li>• architectural research methodology</li> <li>• culture theory</li> <li>• cultural sustainability</li> <li>• politics of heritage</li> <li>• socio-spatial practices</li> <li>• space psychology and perception</li> <li>• tactical urbanism</li> </ul>
Consulting	<ul style="list-style-type: none"> <li>• studies in the fields of: theory of architecture, architecture criticism, interdisciplinary research</li> <li>• research methods on architecture</li> <li>• evidence based design</li> <li>• spatial experiments - architecture, art, urban design</li> <li>• editorial projects</li> </ul>
Applied engineering services	-
Training	<ul style="list-style-type: none"> <li>• interdisciplinary workshops</li> <li>• summer schools</li> <li>• courses</li> <li>• masterclasses</li> </ul>



**A spatial perception experiment which features the participants in the virtual reality environment of the Icube (EON Icube Emersive Environment - The international Institute for the Advanced Studies of Psychotherapy and Applied Mental Health, Babeş-Bolyai University, Cluj-Napoca, Romania)**