

PERSONAL INFORMATION

- **Date of Birth:** 09.06.1980
- **e-mail:** basak.ucar@tedu.edu.tr

EDUCATION and ACADEMIC DEGREES

- 2011: PhD, METU, Department of Architecture, Ankara, Turkey.
Dissertation Title: "An Inquiry into the Ontology of Responsiveness: Assessing Embodiment and Human-Machine Interaction in Responsive Environments".
Supervisor: Prof. Dr. Zeynep Mennan.
- 2006: M.Arch, METU, Department of Architecture, Ankara, Turkey.
Dissertation Title: "An Assessment of the Architectural Representation Process within the Computational Design Environment".
Supervisor: Prof. Dr. Zeynep Mennan.
- 2003: B.Arch, METU, Department of Architecture, Ankara, Turkey.

ACADEMIC APPOINTMENTS

- 2012: Asst. Prof. Dr., TED University, Department of Architecture, Ankara, Turkey.
- 2011: Instructor, part-time, Bilkent University, Department of Interior Architecture and Environmental Design, Ankara, Turkey.
- 2011: Instructor, part-time, METU, Department of Architecture, Ankara, Turkey.
- 2006-2011: Research Assistant, METU, Department of Architecture, Ankara, Turkey.

ACADEMIC FELLOWSHIPS AND AWARDS

- 2009: TÜBİTAK-PhD Research grant (to perform the research (titled as "Ambient Intelligence in Architecture _Experiencing Responsive Systems) for six months in Netherlands _ TU Delft Department of Architecture)
- 2004: "Open Space-People Space" International Student Competition, 2nd Prize (with Duygu Şener, Elçin Ertuğrul and Övünç Tarakçiođlu).
- 2004: "Concrete Design Competition" International Student Competition | National Round, 1st Prize (with Tuba Karpuzođlu and Güney Çingı).
- 2004: "TSMD Student Competition", 2004, 1st Prize.

PUBLICATIONS

Journal Paper

Uçar, B. "Redefinition of Architectural Representation in the Computational Design Environment: Numeric Representation." JFA (Journal of Faculty of Architecture), Middle East Technical University Faculty of Architecture, Ankara, Vo.28 No.1, 2011. pp. 177-190.

Conference Paper

-Uçar, B. "Redefinition of the Architectural Representation Process: Simultaneous Representation through Responsive Systems", Proceedings of the Seventh International Postgraduate Research Conference in the Built and Human Environment, UK, University of Salford, 2007.

-Uçar, B. "Non-visualization and Delay of Formal Expression in Computational Diagram Practices", Proceedings of the 13th International Congress of Architectural Graphic Expression, Polytechnic University of Valencia, 2010. pp. 417-421.

-Uçar, B. & Kömez, E. "Assessment of Urban Performance in Computational Design Environment", 1st International Graduate Research Symposium on the Built Environment, METU, Ankara, 2010. pp. 315-320.

-Uçar, B. "Constant Redefinition of Boundaries in Responsive Environments: Unpredictability and Boredom as Provoking Impulses." Proceeding: Generative Art Conference, 43-54, Lucca, Italy, 11-13 December 2012.

-İmamoğlu B., İnan D. & Uçar, B. "Rhythm, Music and Architecture; A Studio Experience on Commonalities of Creative Processes." Proceeding: Educating the Future: Architectural Education in International Perspective, 21-23 March 2013. pp. 50-59.

Chapter in a Book

-Gönenç Sorguç, A., Özkar, M., Uçar, B., Arslan Selçuk, S. "The Hands on Digital Studio: Expanding Design Knowledge and Thinking in Foundational Courses," MIMED Forum IV: Flexibility in Architectural Education. Eds. Beyhan Bolak Hisarligil, Sevgi Lokce and Oktay Turan. Cambridge Scholars Publishing. 2013. pp. 280-297.

COMPETITIONS AND WORKSHOPS

Competitions

- 2007: "Antalya, Konyaaltı Nature and Culture Park Design Project Competition," National. (with Mert Ayaroğlu)
- 2006: "Hobart Waterfront Design Ideas Competition," International. (with C. Abdi Güzer, Lale Özgenel and Yeşim Hatırlı)
- 2006: "The National Library of Czech Republic," International. (with C. Abdi Güzer, Lale Özgenel and Yeşim Hatırlı)
- 2005: "IFDA" (The International Furnishings and Design Association), International. (with Tuba Karpuzoğlu, Güney Çingı and Mert Ayaroğlu)
- 2004: "Bursa Kızıyakup Urban Re-Development Project," National. (with Tuba Karpuzoğlu, Duygu Şener and Güney Çingı)
- 2004: "Open Space-People Space," International. 2nd Prize. (with Duygu Şener, Elçin Ertuğrul and Övünç Tarakçioğlu)
- 2004: "Concrete Design Competition," National. 1st Prize. (with Tuba Karpuzoğlu and Güney Çingı)
- 2004: "TSMD Student Competition," National. 1st Prize.

Workshops

International_as Participant

- "**Open Space-People Space_Inclusive Design for Outdoor Environments**", by University of Edinburgh, Department of Architecture, Edinburgh, Scotland, October 27-29, 2004.
- "**Concrete Design Master Class on Robustness**"_ by Berlage Institute, The Netherlands, August 23-30, 2004.

National_as Organizer

- "**arch_warmup**" TEDÜ Mimarlık Bölümü ve ODTÜ, Mimarlık Bölümü ile birlikte, 15-16 Temmuz 2013.
- "**Virtual | Real**," by Assoc. Prof. Dr. Arzu Gönenç Sorgu, Res. Asst. Başak Uçar, Res. Asst. Gökhan Kınayoğlu and Neriman Kaya, METU, Department of Architecture, October 13, 2007.

National_as Participant

- "**Time and space _virtual dynamics**", by Warp-DS (Nilüfer Kozikoğlu, Müge Belek and Federico Fialho), METU, Department of Architecture, December 8-10, 2004.