

BURCU ŞENYAPILI ÖZCAN

Associate Professor,
Department of Architecture

EDUCATION

Postdoc studies at Center of Art History, Archaeology and Historic Preservation, Columbia University, USA, 2002.

Postdoc studies at Graduate School of Architecture, Planning and Preservation, Columbia University, USA, 2001.

Ph. D. in Art, Design and Architecture, Bilkent University, 1998.

Ph. D. Research in Carnegie Mellon, Pittsburg, USA, 1994.

M.F.A Department of Interior Architecture and Environmental Design, Bilkent University, 1993.

B Arch. Middle East Technical University, 1990.

ACADEMIC EMPLOYMENT

Assoc. Professor, Department of Architecture, Bilkent University, 2012 - onwards.

Assistant Professor, Department of Interior Architecture and Environmental Design, Bilkent University, 2000 – 2012.

Instructor, Department of Interior Architecture and Environmental Design, Bilkent University, 1994 - 2000.

Research Assisstant, Department of Interior Architecture and Environmental Design, Bilkent University, 1990 - 1994.

PROFESSIONAL EMPLOYMENT

4M Architectural Office, Ankara, 1989.

Coskun - Filiz Erkal Architectural Office, Ankara, 1989.

Community of Capodarco, Rome, Italy, 1995.

ARTICLES IN REFEREED JOURNALS

Kinayoglu, G. and Senyapili, B. "Circular-Planned Diagrid Systems and an Interrelated Technique Using Planar Elements". **Nexus Network Journal**, first online: 1 September 2017, accessible at <https://link.springer.com/article/10.1007/s00004-017-0354-8>.

Senyapili, B. and Bozbağ, B. G. "A Domain Specific Software Model for Interior Architectural Education and Practice". **Automation in Construction**, Vol. 21, No. 1, 2012, pp. 10-23.

İmamoglu, C., Senyapili, B. and Demirbas, O. "Experiencing the Real-scale: Mock-Up of a Set Design Project". **Journal of Faculty of Architecture**, Vol. 26, No. 1, 2009, pp. 71-80.

Senyapili, B. and Karakaya, F. "The Future Setting of the Design Studio". **Open House International**, Special Issue, Vol. 34, No. 1, 2009, pp. 104-113.

Karakaya, F. and Senyapili, B. "Rehearsal of Professional Practice: Impacts of Web-based Collaborative Learning on the Future Encounter of Different Disciplines". **International Journal of Technology and Design Education**, Vol. 18, No.1, 2008, pp. 101-117.

Senyapili, B. "Yeni bir İç Mimarlığa Doğru: Bilgisayarla Tasarımın İç Mimarlığa Yansımaları" ("Towards a New Interior Architecture: Reflections of Computer Aided Design on Interior Architecture,") **Arkitekt**, no. 518, 2008, pp. 24-31.

Senyapili, B. and Basa, İ. "The Shifting Tides of Academe: Oscillation between Hand and Computer in Architectural Education". **International Journal of Technology and Design Education**, Vol. 16, No.3, 2006, pp. 273-283.

Basa, İ. And Senyapili, B. "The (In)secure Position of the Design Jury towards Computer Generated Presentations". **Design Studies**, Vol. 26, No.3, 2005, pp. 257-270.

Senyapili, B. and Ozguc, B. "A Context-Specific Interface Model for Architectural Design in the Virtual Environment". **Architectural Science Review** , Vol.41, No.3, 1998, pp.105 – 111.

Senyapili, B. and Ozguc, B. "Proposal for Improving Computer Aid in Architectural Design" **Architectural Science Review** , Vol.37, No.4, 1994, pp.171 – 179.

ARTICLES IN NON-REFEREED JOURNALS

"Arada Kalmışlık ve Art Deco," *Arredamento Mimarlık*, no.217, 2008, pp. 106-110.

"İç Mimarlık Eğitiminde 'Yaparak' Öğrenmek" ("Learning by 'Doing' in an Interior Design Curriculum"). *XXI Yirmibir*, Vol. 1, No. 24, 2004, pp. 28-32.

"Meydan Okumak, Meydanları Okumak", *Şeker Sanat*, Vol. 1, No. 8, 1995, pp. 10-11.

"New York Metropolitan Müzesi III", *Şeker Sanat*, Vol. 1, No. 7, 1995, pp. 22-23.

"New York Metropolitan Müzesi II", *Şeker Sanat*, Vol. 1, No. 6, 1995, pp. 22-23.

"New York Metropolitan Müzesi I", *Şeker Sanat*, Vol. 1, No. 4, 1995, pp. 19-21.

"Bir Tasarım Macerasi" ("A Design Adventure") in the turkish monthly architectural design magazine *Tasarım*, vol. 3, n. 39, pp. 106 -108, 1993.

"Zoru Basarmak" ("To Achieve The Difficult") in the Turkish monthly architectural design magazine *Tasarım*, vol.2, n.23, pp. 61-65, 1992.

"Postmodern Zamanlar" ("Postmodern Times") in the monthly magazine of Ankara University *Uluslararası İlişkilerde Olaylar Ve Yorumlar*, vol.1, n.3, pp. 47-48, 1992.

"Sheraton Ankara" and "Interview With Brauer" in the turkish monthly architectural magazine *Arkitekt*, vol.1, n.8, pp. 30-44, 1991.

INVITED LECTURES AND TALKS

“Sedad Hakkı Eldem and the Turkish House”, International Workshop of Architectural Construction, Politecnico di Bari, Italy, June 2016.

“Leonardo da Vinci”, on the TV series ‘Defterler’, Turkish Radio and Television broadcast, June 2016.

ECPPM eWork and eBusiness in Architecture, Engineering and Construction, Vienna Technical University, Austria, September 2014.

“Academic Career in Art and Design” (“Sanat ve Tasarımda Akademik Kariyer”), Bilkent, Faculty of Art, Design and Architecture, November 2014.

“Graduate Studies in Design” (“Tasarım Alanında Yüksek Lisans”), Bilkent, Faculty of Art, Design and Architecture, December 2013.

6th International Conference on Innovation in Architecture, Engineering and Construction, Penn State, June 2010.

“Designing the Future: Reflections of the Developments in Computer Aided Design on Education” Symposium, Ankara, May 2008.

Joint International Conference on Construction Culture, Innovation, and Management “Sustainable Development through Culture and Innovation”, Dubai, November 2006.

CAAD Futures, Wien, 2005.

3rd International Conference on Innovation in Architecture, Engineering and Construction, Rotterdam, 2005.

E-Activities in Design and Design Education 9th Europia International Conference, İstanbul, 2003.

Twenty First International eCAADe Conference, Graz, 2003 .

International Conference on Information Visualization IV’03, London, 2003.

Academic Talk Series invited talk entitled “MSPS: Mimar Sinan Project Site”, Bilkent University, Ankara, 2002.

Integration of Technology to Contemporary Culture and the Arts, Apple Computers’ Turkey Branch, Ankara, 2001.

Invited Talk entitled “From Hagia Sophia to Suleymaniye: Under the Great Domes: Developing an Online Architectural Reference Tool”, Columbia University, New York, 2001.

International Conference on Information Visualization IV’97, Visualization & Graphics Research Unit of South Bank University, London, 1997.

6th Conference of the European Full-Scale Modeling Association, Vienna University of Technology, Vienna, 1996.

4D Dynamics Conference, De Montfort University, Leicester, 1995.

Computer Medium and Architectural Design Seminar, Yıldız University, Istanbul, 1994.

5th International Building and Life Congress, Turkish Chamber of Architects Bursa Section, Bursa, 1993.

Architectural Education in 2000's: Role of the Computer, Turkish Chamber of Architects, Ankara, 1993.

3rd International Building and Life Congress, Turkish Chamber of Architects Bursa Section, Bursa, 1991.

OTHER PUBLICATIONS

Ph. D. Dissertation

"An Interface Model For Improving The Use of Space Simulation Software in Architectural Design" March 1998, Prof. Dr. Bülent Özgüç, Bilkent University.

Chapters in the Books

"Sedad Hakkı Eldem and the Interpretation of the Turkish House" in Dwelling Space and the Character of Places, Ed.s V. Ardito and G. Gasco. Bari: Edizioni di Pagina, 2016, pp. 67-75.

"A System Model for Pin-pointing the Historical Buildings with respect to Multiple Typologies" in Learning from the Past a Foundation for the Future [Special publication of papers presented at the CAAD futures 2005 conference held at the Vienna University of Technology], Vienna, 2005. Vienna: Österreichischer Kunst und Kultur Verlag, pp. 109-118.

"Putting Some Elements on the River in the Right Places" in Budapest On The Blue Danube (projects produced in the international workshop) (with I. Folca, C. Patko, N. Verlato and A. Sadovsky) Budapest: Akademiai Kiado, 1991.

CONFERENCE PRESENTATIONS

Refereed Proceedings

Senyapili, B. and Anumba, C.J. "Conceptual model for an ICT-enabled educational platform for collaborative design" in ECPPM eWork and eBusiness in Architecture, Engineering and Construction. A. Mahdavi, B. Martens and R. Scherer (Ed.s). Leiden: CRC Press, 2014, pp. 727-733. Vienna, Austria, 17-19 September 2014.

Sak, S. and Senyapili, B. "Cyberspace as a Locus for the Sustainability of Urban Collective Memory" in MediaArchitecture, Urban Context and Social Practices Proceedings of 3rd International Conference on the Interaction of Architecture, Media and Social Phenomena, Bauhaus-Universität Weimar, Germany, 29 to 31 October 2010, pp. 571-587.

Senyapili, B. and Gasco, G. "Re-Shaping Domesticity: Dynamics of Appropriation" in 6th International Conference on Innovation in Architecture, Engineering and Construction, Penn State, June 2010. Leicester: Loughborough University, pp. 134-143.

Senyapili, B. and Karakaya, F. "A Hybrid Framework for Collaboration in Design Curricula" in Joint International Conference on Construction Culture, Innovation, and Management

Conference Proceedings: "Sustainable Development through Culture and Innovation", Dubai, November 2006. Dubai: The British University in Dubai, pp. 128-137.

Basa, İ. And Senyapili, B. "A Critical Look at the Facades of Contemporary Apartment Blocks: The Case Of Ever-Construction In Ankara" in Joint International Conference on Construction Culture, Innovation, and Management Conference Proceedings: "Sustainable Development through Culture and Innovation", Dubai, November 2006. Dubai: The British University in Dubai, pp. 148-156.

Senyapili, B. and Basa, İ. "Reconciling Computer and Hand: The Case of Author Identity in Design Presentations" in CAADRIA 05, New Delhi, 2005. New Delhi: Architexturez Imprints, pp. 13-22.

Senyapili, B. and Karakaya, F. "Design Studio Communication: Young Generation Holding on to Old Techniques" in Innovation in Architecture, Engineering and Construction, Rotterdam, 2005. Rotterdam: Optima Grafische Communicatie, pp. 375-385.

Senyapili, B. "A Demonstrational Case of a Visual Reference Tool Model for Architectural Heritage" in E-Activities in Design and Design Education: Proceedings of the 9th Europa International Conference, İstanbul, 2003. Paris: Europa Productions, pp. 59 - 69.

Senyapili, B. "The Visual Matrix: The Case of Mimar Sinan Project Site" in Proceedings of Twenty First International eCAADe Conference, Graz, 2003. Graz: eCAADe and Graz University of Technology, pp. 365 - 368.

Senyapili, B. "Mimar Sinan Project Site: Visual Reference System Model for Architectural Heritage" in Proceedings of Seventh International Conference on Information Visualization IV'03, London, 2003. California: IEEE Computer Society, pp. 628 - 632.

Senyapili, B. "A Context-Specific Interface Model for Architectural Design in The Virtual Environment", Proceedings of The Second Virtual Reality Workshop WRV'99, Marilla, 1999. Brasil: Fundacao Euripides de Marilia, pp. 161 – 173.

Senyapili, B. "Visualization of Virtual Architecture", Proceedings of The International Conference on Information Visualization IV'97, London 1997. California: IEEE Computer Society, pp 260 -267.

Senyapili, B. "The True Model Concept in Computer Generated Simulations Used in Architectural Design", Full-scale Modeling in the Age of Virtual Reality (Proceedings of the 6th European Full-Scale Modeling Association Conference, Vienna, 1997. Vienna: Vienna University of Technology, pp 133-140, http://info.tuwien.ac.at/efa/EFA_96.html

Senyapili, B. "Proposal To Improve The Use of Dynamic Simulations in Architectural Design", 4D Dynamics Conference Proceedings, 1995. Leicester: De Montfort University, pp.151-155, <http://nelly.dmu.ac.uk/4dd/synd1g.html>

NON-REFEREED PROCEEDINGS

"2000'li Yillarda Mimarlik Egitimi: Bilgisayarın Rolü" ("Architectural Education In 2000's: The Role Of The Computer") in Architectural Education. Ankara: Tmmob Chamber Of Architects Ankara Section, pp. 321-326, 1997.

"Mimari Tasarım, Sunum Ve Yenidensunumda Bilgisayarın Rolü" ("The Role Of Computer In Architectural Design, Presentation And Representation") in Computer Medium And Architectural Design Seminar Book. Istanbul: Yıldız University Faculty Of Architecture, pp. 1-11, 1994.

"Computer Use In Architecture: A Critical Approach To Current Discussions" in V. International Building And Life Congress Book '93 Bursa: Chamber Of Architects Bursa Section, pp. 59-67, 1993.

"Deconstructivism" in Congress Book Of International Building And Life '91 Bursa: Chamber Of Architects Bursa Section, pp. 87-103, 1991.

THESES SUPERVISED

Ph.D. Theses

Gökhan Kınayoğlu, "Form and Part Through Standard/Non-Standard Duality", 6/11- 9/17.

Segah Sak, "Cyberspace as a Locus for Urban Collective Memory", 6/08 – 2/12.

M.S. in Arch Theses

Aslı Erdem, thesis subject not determined, 9/17 – expected graduation: 6/19

Adel Gürel, "Difference of sketching and parametric design", 9/16 – expected graduation: 6/18.

Selen Öztürk, "Comparative analysis of parametric design methods", 9/16 – expected graduation: 6/18.

M.F.A. Theses

Zeynep Dağlı, "Relationship of Interior Design with the Customer Recognition of Corporate Identity", 6/10 – 6/13.

İnci Cantimur, "Using Second Life as a Design Environment in Interior Architectural Design Education", 6/07 - 6/09.

Burcu Gökçen Çağatay Bozbağ, "Proposal for a Software Model Based on the Critical Analysis of Packages Used in Interior Architecture", 6/05 - 1/08.

Ahmet Fatih Karakaya, "A Study on the Encounter of the Architect and the Interior Architect through Web Based Collaborative Learning", 6/03 - 5/05.

Genco Akalın, "Cognition of Designer`s Identity Through Computer Aided Architectural Drawings", 6/01 - 6/03.

Aysu Sagun, "Use of Virtual Environments in Interior Design Education: A Case Study with VRML", 10/97 - 5/99.

Senem Tekin, "A Shape Grammer Model for Anatolian Madrasah Architecture", 10/97 - 5/99.

AWARDS/HONORS

Research Scholarship from Graduate School of Architecture, Planning and Preservation, Columbia University, 2004.

Visiting Scholarship from Center of Art History, Archaeology and Historic Preservation, Columbia University, 2002.

Post-Doctorate Research Grant from the Turkish Academy of Sciences (TÜBA), 2002.

Research Development Grant from Bilkent University, 2002.

Research scholarship from Digital Design Lab of Graduate School of Architecture, Columbia University, 2001.

Research Development Grant from Bilkent University, 2001.

Fulbright scholarship for Ph.D. studies at Carnegie Mellon University, Pittsburgh, USA

Award of Success (Graduate Level) in 'Architectural Education in 2000's, by Turkish Chamber of Architects, Ankara, 1993.

Grant and Scholarship from Bilkent University for Ph.D. Studies, 1993.

Grant for International Palladio Workshop, Centro Di Architettura A. Palladio, Vincenza, 1992.

Grant for International Design Workshop, Technical University of Budapest, 1990.

Grant and Scholarship from Bilkent University for Graduate Studies, 1990.

Prize in Painting Competition by Daily 'Hürriyet', 1979.

DUTIES

Member of Faculty Administration Committee 2012- ongoing (re-elected in 2015)

Member of Faculty Committee 2012- ongoing (re-elected in 2015)

Department of Architecture Recruiting Committee 2014- ongoing

ARCH 201-202 Architectural Design Studio Coordinator 2014- ongoing

Department of Architecture Graduate Program Coordinator 2016- ongoing

Establishment of Department of Architecture Graduate Program 2013-2016

Department of Architecture Technical Committee 2014

Nominator for Young Architect's Program,

Istanbul Modern in collaboration with MoMA	2012; 2014
Member of Curriculum Assessment Committee	2010- 2012
Correspondent for Prospect Joint Masters' Program with Foreign Partners	2009- 2010
Member of Design Studio Curriculum Improvement Committee	2009- 2010
IAED 201-202 Interior Design Studio Coordinator	2007- 2010
IAED 301-302 Interior Design Studio Coordinator	2004-2005
Member of Faculty Committee	2002-2004