

Res. Asst. PhD Hakan Tong

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mimarlık, Turkey 1988 - 2001

Postgraduate, Istanbul Technical University, Sosyal Bilimler, Mimarlık, Turkey 1985 - 1988

Undergraduate, Istanbul Technical University, Mimarlık, Mimarlık, Turkey 1981 - 1985

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Geleneksel Konutların Güncel Kullanıma Uyum Yeteneğinin Değerlendirilmesi, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mimarlık, 2001

Postgraduate, Çekirdek Konut ve Uygulamaları, İstanbul Teknik Üniversitesi, Sosyal Bilimler, Mimarlık, 1988

Research Areas

Technical Sciences, Computer Sciences, Computer Graphics, Augmented Reality, Information Visualization, Computer Graphics, Virtual Reality, Computer Vision, 3D Impressions, Architecture, Building Information, Architectural Aesthetics, Building Design, Architectural Design

Academic Titles / Tasks

Research Assistant PhD, Istanbul Technical University, Mimarlık, Mimarlık, 2018 - Continues

Lecturer PhD, Istanbul Technical University, Mimarlık, Mimarlık, 2004 - 2018

Research Assistant PhD, Istanbul Technical University, Mimarlık, Mimarlık, 2002 - 2004

Research Assistant, Istanbul Technical University, Mimarlık, Mimarlık, 1988 - 2002

Courses

Visual Communication II: Visualization&Perspective , Undergraduate, 2023 - 2024, 2022 - 2023

Multimedia in Design, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019,

2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005

Project 2, Undergraduate, 2023 - 2024, 2022 - 2023

Animation in Architectural Design, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Information Technologies in Architecture, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Project 1, Undergraduate, 2023 - 2024, 2022 - 2023

Visual Communication I: Visualization & Technical Drawing, Undergraduate, 2023 - 2024, 2022 - 2023

Basic Design and Visual Arts , Undergraduate, 2023 - 2024, 2022 - 2023

Computer Aided Architectural Design , Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Architectural Design V, Undergraduate, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018

Introduction to Architecture and Ethics, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Information Technologies in Architecture, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005

Virtual Architectural Design Studio, Postgraduate, 2021 - 2022, 2018 - 2019, 2016 - 2017, 2015 - 2016

Architectural Design IV, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Representation And Presentation In Architecture, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Graduation Project, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Architectural Design VI, Undergraduate, 2017 - 2018, 2010 - 2011

Digital Design Methods in Architecture, Postgraduate, 2017 - 2018, 2015 - 2016

Yüksek Lisans Danışmanlık, Postgraduate

Yüksek Lisans Uzmanlık Alan Dersi , Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Project III, Undergraduate

Architectural Design III, Undergraduate

Architectural Design II, Undergraduate

Mimari Proje ve Anlatım Teknikleri, Undergraduate

Jury Memberships

Post Graduate, "A PARAMETRICAL RELIABILITY ANALYSIS PROPOSAL FOR ARCHITECTURAL REPRESENTATION" Saman Tinati, İTÜ/FBE, May, 2015

Post Graduate, "Yüksek enerji performanslı konut yapıları için BIM tabanlı bir açık kaynak bilgi sistemi modeli" M.Onur Savaşkan, İTÜ/FBE, May, 2015

Post Graduate, "Apartman tipi konutların mimari tasarımını ve üretim sürecini etkileyen faktörler: Gebze ve Çayırova örneği" Gökhan Yamen, İTÜ/FBE, May, 2015

Post Graduate, "Impact of Parametric Design on Designing Performative Facades" Delara Razzaghmanesh, İTÜ/FBE, May, 2015

Post Graduate, "Bir Olasılıklar Alanı Olarak Form Bilgisi" Can Uzun, İTÜ/FBE, June, 2014

Post Graduate, "Kent otellerinin güncel tasarım kriterleri" Elif Akçakaya, İTÜ/FBE, May, 2014

Post Graduate, "Mimari Görselleştirme Pratiğine Eleştirel Bir Yaklaşım" Reşat Şükrü Çoban, İTÜ/FBE, December, 2012

Competition, Değişen Kentler - Yaratılan Fırsatlar Poster Yarışması, İTÜ Konut Uygulama ve Araştırma Merkezi, November, 2012

Post Graduate, "Use of augmented reality technologies in cultural heritage sites; Virtu(Re)Al Yenikapı" Sibel Yasemin Özgan, İTÜ/FBE, May, 2012

Post Graduate, "Bir sahne bileşeni olarak zenginleştirilmiş gerçekliğin tiyatro mekanında değerlendirilmesi" Alev

Özdemir, İTÜ/FBE, May, 2012

Post Graduate, "RIDLEY SCOTT SİNEMATOGRAFİSİNDE MEKAN KULLANIMI" Mehmet Ümit METERELLİYOZ, İTÜ/FBE, September, 2010

Post Graduate, " The cognitive aspects of model-making in architectural design" Benay Gürsoy, METU, May, 2010

Articles Published in Other Journals

- I. **A Model Proposal for Store Design with Shape Grammar**
Özdemir Ş., Tong H.
Asian Journal of Interdisciplinary Research, vol.3, no.1, pp.196-205, 2020 (Peer-Reviewed Journal)
- II. **A Generative Computer Model for the Preliminary Design of Mass Housing**
DİNÇER A. E., ÇAĞDAŞ G., TONG H.
MEGARON, vol.9, no.2, pp.71-84, 2014 (ESCI)
- III. **A Computational Model for Mass Customized Housing Design by using Cellular Automata**
DİNÇER A. E., TONG H., ÇAĞDAŞ G.
ITU A-Z, vol.11, no.2, pp.351-368, 2014 (Peer-Reviewed Journal)
- IV. **Toplu Konutların Ön Tasarımı için Üretken bir Bilgisayar Modeli**
Dinçer A. E., Çağdaş G., Tong H.
MERGARON, vol.9, no.2, pp.71-84, 2014 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **İzdüşümler**
Tong H., Gürer L., Gürer Alimgil G., İpçizade E.
Birsen Yayınevi, İstanbul, 2009

Refereed Congress / Symposium Publications in Proceedings

- I. **An attempt to integrate AI-based techniques into first year design representation course**
Tong H., Ülken G., Türel A., Şenkal H., Ergün S. F., Güzelci O. Z., Alaçam S.
Cumulus Antwerp 2023 - Connectivity and Creativity in times of Conflict, Antwerp, Belgium, 12 - 15 April 2023, pp.1-5
- II. **Sarmal Sanal Gerçeklik Ortamının Topolojik İlişkilerin Algısına Etkisi**
Yıldan I., Çağdaş G., Tong H.
13. Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu: Kesişmeler-Örtüşmeler, Kocaeli, Turkey, 17 - 18 June 2019, pp.169-184
- III. **A Digital Tool for Customized Mass Housing Design**
DİNÇER A. E., Çağdaş G., Tong H.
32nd International Conference on Education and Research in Computer Aided Architectural Design in Europe (eCAADe), Newcastle-Upon-Tyne, United Kingdom, 10 - 12 September 2014, pp.201-211

Activities in Scientific Journals

Journal of Computational Design, Publication Committee Member, 2020 - Continues

Tasks In Event Organizations

Çağdaş G., Özsoy F. A., Esin N., Gür E. A., Tong H., EIA9: Activities and Intelligent Support in the Built Environment, 9. EuropIA International Conference, Scientific Congress, İstanbul, Turkey, Ekim 2003

Metrics

Publication: 43

Citation (WoS): 3

Citation (Scopus): 5

H-Index (WoS): 1

H-Index (Scopus): 2

Congress and Symposium Activities

TAINN 2003- XII International Twelfth Turkish Symposium on Artificial Intelligence and Neural Networks, Session Moderator, Çanakkale, Turkey, 2003

Non Academic Experience

TC Yeni Yüzyıl Üniversitesi Mimarlık Fakültesi