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Personal Information

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Education Information

Doctorate, Loughborough University Of Technology, Endüstri Ürünleri Tasarımı, United Kingdom 1999 - 2004

Post Graduate, Hacettepe Üniversitesi, Güzel Sanatlar Enstitüsü, Grafik (YI) (Tezli), Turkey 1995 - 1997

Under Graduate, Middle East Technical University, Faculty of Architecture, Department of Industrial Design, Turkey 1990 - 1995

Research Areas

Industrial Design

Professional Experience

Head of Department, Middle East Technical University, Faculty of Architecture, Department of Industrial Design, 2007 - 2008

Head of Department, Middle East Technical University, Faculty of Architecture, Department of Industrial Design, 2007 - 2008

Advising Theses

Şener Pedgley B., Empowering the front-seat passenger: design and experience prototyping of luxuryinfotainment systems through VR simulation, Doctorate, G.Şen(Student), 2019

ŞENER PEDGLEY B., Appraisal of augmented reality technologies for supporting industrial design practices, Post Graduate, B.TOPAL(Student), 2015

ŞENER PEDGLEY B., HACIHABİBOĞLU H., Short-term modification of sleep-wake habits by gamification: a user study, Post Graduate, A.EZGİ(Student), 2015

ŞENER PEDGLEY B., Potentials of embodied interactive technologies to enhance mobile listening experience in public environment, Post Graduate, G.ŞEN(Student), 2014

ŞENER PEDGLEY B., Design for health and wellbeing: An investigation into diet control body-monitoring applications for smart devices, Post Graduate, N.NAGİHAN(Student), 2014

ŞENER PEDGLEY B., Sensorial experiences during instrumental interaction: A study on tea makers and vacuum cleaners, Post Graduate, M.COŞKUN(Student), 2014

ŞENER PEDGLEY B., Design of experience sampling tools for reporting student experience in design education, Post Graduate, N.FINDİK(Student), 2012

ŞENER PEDGLEY B., Exploring and implementing pleasant touch in the interface of products for design purposes: The case of a bang & olufsen TV remote control, Post Graduate, T.JOHANNA(Student), 2012

ŞENER PEDGLEY B., A study of emotional responses towards brands and branded products, Post Graduate, A.KARAHANOĞLU(Student), 2008

ŞENER PEDGLEY B., The situation of ecodesign in Turkish industry, Post Graduate, E.GÜRAKAR(Student), 2008
ŞENER PEDGLEY B., Investigation into adaptive structure in software-embedded products from cybernetic perspective, Post Graduate, E.ERTUĞRUL(Student), 2007

Program Developments

Şener Pedgley B., Associate Degree, Birbirine Bağlı Tek Bir Diploma, 'The International Joint MSc Programme of Design Research for Interaction', 2008 - 2014
Şener Pedgley B., Börekçi N. A. G. Z. , Pedgley O. F. , Ünlü C. E. , Hekkert P., Diehl J., Kuijjer L., Masters With Thesis, Birbirine Bağlı Çoklu Diploma, ODTÜ-TUDeft Etkileşim için Tasarım Uluslararası Ortak Yüksek Lisans Programı [International METU-TUDeft Joint Master of Science Programme for Design Research for Interaction], 2008 - 2017

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Design for Luxury Front-Seat Passenger Infotainment Systems with Experience Prototyping through VR**
Sen G., Şener Pedgley B.
INTERNATIONAL JOURNAL OF HUMAN-COMPUTER INTERACTION, vol.36, pp.1714-1733, 2020 (Journal Indexed in SCI)
- **ENRICHING THE AESTHETICS OF MOBILE MUSIC PLAYER INTERACTIONS THROUGH THE USE OF PERSONAL CLOTHING AND ACCESSORIES AS INTERFACES**
ŞEN G., Sener B.
METU JOURNAL OF THE FACULTY OF ARCHITECTURE, vol.36, pp.141-163, 2019 (Journal Indexed in AHCI)
- **Embracing Material Surface Imperfections in Product Design**
PEDGLEY O. F. , ŞENER PEDGLEY B., Lilley D., Bridgens B.
INTERNATIONAL JOURNAL OF DESIGN, vol.12, pp.21-33, 2018 (Journal Indexed in SCI)
- **INVESTIGATING THE FEASIBILITY OF DIGITALLY CREATED INDUSTRIAL DESIGN SKETCHBOOKS**
ŞENER PEDGLEY B.
METU JOURNAL OF THE FACULTY OF ARCHITECTURE, vol.31, pp.139-156, 2014 (Journal Indexed in AHCI)
- **Emotion-driven design**
ŞENER PEDGLEY B., Kurtgozu A.
METU JOURNAL OF THE FACULTY OF ARCHITECTURE, vol.25, pp.127-134, 2008 (Journal Indexed in AHCI)
- **THE PLENITUDE: CREATIVITY, INNOVATION AND MAKING STUFF**
Sener B.
METU JOURNAL OF THE FACULTY OF ARCHITECTURE, vol.25, pp.188-192, 2008 (Journal Indexed in AHCI)
- **User evaluation of HCI concepts for defining product form**
ŞENER PEDGLEY B., Wormald P.
DESIGN STUDIES, vol.29, pp.12-29, 2008 (Journal Indexed in SCI)
- **In the Bubble: Designing in a Complex World by John Thackara**
ŞENER PEDGLEY B.
Design Journal, vol.11, pp.81-84, 2008 (Journal Indexed in AHCI)
- **The Plenitude: Creativity, Innovation and Making Stuff by Rich Gold**
ŞENER PEDGLEY B.
Metu Journal Of The Faculty Of Architecture, vol.25, pp.188-192, 2008 (Journal Indexed in AHCI)
- **Rethinking digital industrial design: a mandate for virtual workshops and intelligent environments**
ŞENER PEDGLEY B.
DIGITAL CREATIVITY, vol.18, pp.193-206, 2007 (Journal Indexed in AHCI)
- **An evaluation of haptic feedback modelling during industrial design practice**
Evans M., ŞENER PEDGLEY B., WALLACE D., CHESHIRE D.

- DESIGN STUDIES, vol.26, pp.487-508, 2005 (Journal Indexed in SCI)
In Touch with Consumers: FreeForm® as a Co-design Tool for Real-Time Concept Modification
ŞENER PEDGLEY B., Van Rompay T.
- Design Journal, vol.8, pp.14-28, 2005 (Journal Indexed in AHCI)
Product design, semantics and emotional response
Demirbilek O., ŞENER PEDGLEY B.
- ERGONOMICS, vol.46, pp.1346-1360, 2003 (Journal Indexed in SCI)
The Potential for the Bespoke Industrial Designer
ŞENER PEDGLEY B., Wormald P.
Design Journal, vol.6, pp.24-34, 2003 (Journal Indexed in AHCI)

Articles Published in Other Journals

- **Tasarımın Sağlık ve İyi Oluşa Etkisi**
ŞENER PEDGLEY B.
Arredamento Mimarlık, pp.108-112, 2018 (Other Refereed National Journals)
- **MULTI-SENSORY NATURE OF USER-PRODUCT INTERACTIONS: A STUDY ON SMALL HOUSEHOLD APPLIANCES**
COŞKUN M., ŞENER PEDGLEY B.
TURKISH ONLINE JOURNAL OF DESIGN ART AND COMMUNICATION, vol.8, pp.537-550, 2018 (Journal Indexed in ESCI)
- **Transitioning from Physical to Digital Sketchbooks for Industrial Design Education**
Şener Pedgley B., Şen G.
Design Principles and Practices: An International Journal—Annual Review, vol.8, pp.31-41, 2015 (Refereed Journals of Other Institutions)
- **Geleceğin Mutfakları için Yeni Nesil Fikirler**
Şener Pedgley B., Hasdoğan G. F.
Banyo + Mutfak, pp.46-52, 2014 (National Non-Refereed Journal)
- **Consumers' Emotional Responses to Brands and Branded Products**
ŞENER PEDGLEY B., Karahanoglu A.
Design Principles and Practices: An International Journal—Annual Review, vol.3, pp.323-340, 2009 (Refereed Journals of Other Institutions)
- **Feel the emotion**
Sener B.
New Design, pp.28-30, 2008 (Refereed Journals of Other Institutions)
- **Modeliranje z otipom (Haptic modelling)**
Campbell I., ŞENER PEDGLEY B., Pedgley O., Wormald P.
Inovacije, Razvoj, Tehnologije (Innovation Development Technologies), vol.13, pp.83-88, 2008 (Non-Refereed Journal)

Books & Book Chapters

- **Resistant Materials in Technology Education**
ŞENER PEDGLEY B., Pedgley O.
in: Handbook of Technology Education, de Vries, Marc J., Editor, Springer, pp.319-336, 2017

Refereed Congress / Symposium Publications in Proceedings

● **Using a Self-Reporting Tool to Capture Design Student's Experience**

Fındık Önal N., ŞENER PEDGLEY B.

DRS LearnXdesign 2019 5th International Conference for Design Education Researchers, Ankara, Turkey, 9 - 12 July 2019

● **Accelerating students' capability in design for interaction**

Şener Pedgley B., Pedgley O. F.

DRS LearnXdesign 2019 5th International Conference for Design Education Researchers, Ankara, Turkey, 9 - 12 July 2019

● **The Aspects of Aesthetics of Interaction: Deconstructing The 'How' Level of User-Product Interactions**

Şen G., ŞENER PEDGLEY B.

3rd Turkish Congress of Aesthetics, Ankara, Turkey, 23 - 25 May 2019

● **Yaşlılar için Evde E-Sağlık Çözümleri**

ŞENER PEDGLEY B., Pedgley O., HASDOĞAN G. F.

UTAK 2018 Ulusal Tasarım Araştırmaları Konferansı: Tasarım ve Umut, Turkey, 12 - 14 September 2018

● **Ev teknolojilerine yönelik kullanıcı beklentilerinin geleceği düşünme yöntemi ile toplanması**

Coşkun A., Şener Pedgley B.

UTAK 2018 3. Ulusal Tasarım Araştırmaları Konferansı Tasarım ve Umut, Ankara, Turkey, 12 - 14 September 2018, vol.1, pp.219-234

● **Contemporary automotive infotainment solutions to empower front-seat passengers**

Şen G., ŞENER PEDGLEY B., Jump M.

DRS 2018 - Design Research Society Conference: 'Design as a Catalyst for Change', Limerick, Ireland, 25 - 28 June 2018, vol.6, pp.2246-2265

● **Product Experience and Luxury Values**

YARDIM ŞENER S., Şen G., Pedgley O., ŞENER PEDGLEY B., Murray G.

10th International Conference on Design Emotion: 'Celebration and Contemplation', Amsterdam, Netherlands, 27 - 30 September 2016

● **Creating Awareness of Sleep Wake Hours by Gamification**

İLHAN A. E. , ŞENER PEDGLEY B., HACIHABİBOĞLU H.

11th International Conference, PERSUASIVE, 05 April 2016 - 07 April 2017, pp.122-133

● **Designing for Multisensorial Interactive Product Experiences**

ŞENER PEDGLEY B., Pedgley O.

EPDE 2015: 17th International Conference on Engineering and Product Design Education 'Great Expectations: Design Teaching, Research Enterprise', Loughborough, United Kingdom, 3 - 04 September 2015

● **AN INVESTIGATION OF DIET APPS FOR ENHANCING PEOPLE'S HEALTH AND WELLBEING.**

Tuna N. N. , ŞENER PEDGLEY B.

20th International Conference on Engineering Design (ICED), Milan, Italy, 27 - 31 July 2015

● **Towards improvement of interaction aesthetics of mobile music listening journeys**

Sen G., Sener B.

20th International Conference on Engineering Design, ICED 2015, Milan, Italy, 27 - 30 July 2015, vol.9, pp.159-168

● **Augmented reality for enhanced student industrial design presentations**

Topal B., Sener B.

17th International Conference on Engineering and Product Design Education, E and PDE 2015, Loughborough, United Kingdom, 3 - 04 September 2015, pp.644-649

● **Appraisal of augmented reality technologies for supporting industrial design practices**

Topal B., Sener B.

7th International Conference on Virtual, Augmented and Mixed Reality, VAMR 2015 Held as Part of 17th International Conference on Human-Computer Interaction, HCI International 2015, California, United States Of America, 2 - 07 August 2015, vol.9179, pp.513-523

● **Nine ways to wake up: Bedside alarm clocks designed by a 'meaningful interaction' learning approach**

Sener B., Pedgley O.

9th International Conference on Design and Emotion 2014, Bogota, Cali and Medellin, Colombia, 6 - 10 October 2014, pp.698-705

● **So, what comes next? constructive randomness within products**

Sener B., Pedgley O.

8th International Conference on Design and Emotion: Out of Control, London, United Kingdom, 11 - 14 September 2012

● **Users' understanding of fun in consumer products**

Cila N., Erbug C., Sener B.

Annual Meeting of the Ergonomics-Society, Nottingham, United Kingdom, 01 April 2007, pp.291-296

● **Comparisons between user expectations for products in physical and virtual domains**

Sener B., Gültekin P., Erbug Ç.

Annual Conference of the Ergonomics Society on Contemporary Ergonomics 2006, Cambridge, United Kingdom, 4 - 06 April 2006, pp.149-153

● **Towards 'virtual clay' modelling challenges and recommendations: A brief summary of the literature**

Sener B., Wormald P., Campbell I.

7th International Design Conference (DESIGN 2002), Dubrovnik, Croatia, 14 - 17 May 2002, pp.545-550

● **New generation computer-aided design tools: Two related research projects investigating the future expectations of designers**

Sener B., Vergeest J., Akar E.

7th International Design Conference (DESIGN 2002), Dubrovnik, Croatia, 14 - 17 May 2002, pp.539-544

Supported Projects

ŞENER PEDGLEY B., Paksoy İ. Y. , Project Supported by Higher Education Institutions, 'Ürünün İşlevsel ve Hedonik Yönlerinin Güçlendirilmesine Yönelik 3-Boyutlu Yüzey Dokularının Araştırılması', 2014 - 2016

ŞENER PEDGLEY B., Project Supported by Higher Education Institutions, 'Etkileşim için Tasarım' Eğitimine Uygulamalı Bir Yaklaşım Olarak 'Çevreleyen Zeka' ve bu Özellikte Programlanabilir Cihazların Kullanımlarının Araştırılması, 2013 - 2016

ŞENER PEDGLEY B., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

ŞENER PEDGLEY B., Project Supported by Higher Education Institutions, Dijital Portfolyo: Sayısal Ortamda Geliştirilen Endüstri Ürünleri Tasarım Sürecinin Dokümantasyonuna Yönelik Uygulama., 2012 - 2013

Citations

Total Citations (WOS):169

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