

Prof. Dr. OWAIN FRANCIS PEDGLEY

Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: AAZ-8181-2020

ScopusID: 17342499600

Yoksis Araştırmacı ID: 205088

Araştırma Alanları

Endüstri Ürünleri Tasarımı

Akademik Unvanlar / Görevler

Prof. Dr., Orta Doğu Teknik Üniversitesi, Mimarlık Fakültesi, Endüstriyel Tasarım Bölümü, 2018 - Devam Ediyor

Akademik İdari Deneyim

Faculty Promotions and Appointments Committee - Member, Orta Doğu Teknik Üniversitesi, Mimarlık Fakültesi, Endüstriyel Tasarım Bölümü, 2020 - Devam Ediyor

Graduate Programs Committee - Chair, Orta Doğu Teknik Üniversitesi, Mimarlık Fakültesi, Endüstriyel Tasarım Bölümü, 2020 - Devam Ediyor

Graduate Applications Committee - Member, Orta Doğu Teknik Üniversitesi, Mimarlık Fakültesi, Endüstriyel Tasarım Bölümü, 2019 - Devam Ediyor

Verdiği Dersler

GRADUATE SEMINARS IN INDUSTRIAL DESIGN, Yüksek Lisans, 2020 - 2021

CURRENT ISSUES IN INDUSTRIAL DESIGN, Yüksek Lisans, 2020 - 2021

DOCTORAL SEMINARS IN INDUSTRIAL DESIGN, Yüksek Lisans, 2020 - 2021

Yönetilen Tezler

PEDGLEY O. F., But in practice: Discovering the hybrid making approach, Yüksek Lisans, M.PLUMMER(Öğrenci), 2022

PEDGLEY O. F., 3d surface texture and its effect on brand identity: A study in the military context, Yüksek Lisans, E.ÇANKAYA(Öğrenci), 2022

PEDGLEY O. F., Enhancing the experience of esports spectating: a design study on competitive gaming and spectator interfaces, Yüksek Lisans, O.AKSUN(Öğrenci), 2022

PEDGLEY O. F., Brand experience manifestation: A tool for concept evaluation according to brand attributes and

touchpoints, Yüksek Lisans, I.BASHEIR(Öğrenci), 2022

Pedgley O. F., Implicit Interactions with a Peculiar Radio: Designing an Interactive Artefact for Fostering Meaningful Music-Listening Experiences, Yüksek Lisans, Ö.SARPER(Öğrenci), 2021

PEDGLEY O. F., ENTIRE HISTORY OF YOU: RESEARCH AND DESIGN TO MANAGE DIGITAL HOARDING, Yüksek Lisans, Ç.BAŞKAN(Öğrenci), 2021

PEDGLEY O. F., Play it back! a design study regarding changes in pre-recorded music playing experiences, Yüksek Lisans, S.YÜKSEL(Öğrenci), 2021

Şener Pedgley B., Pedgley O. F., DESIGNING FOR NEW GENERATION ELECTRONIC MUSICAL INSTRUMENTS: STRATEGIES TO IMPROVE INTERACTION, USER EXPERIENCE AND LIVE PERFORMANCE, Doktora, E.HÜRSU(Öğrenci), 2020

Pedgley O. F., Design for luxury automotive HMI systems and driver experiences, Doktora, S.Yardımcı(Öğrenci), 2019

Pedgley O. F., Design for performability in nylon strung acoustic guitars, Doktora, A.KORKMAZ(Öğrenci), 2017

PEDGLEY O. F., Designing for sound as a component of product experience: Development of a novel conceptual tool, Yüksek Lisans, K.BENLİ(Öğrenci), 2015

PEDGLEY O. F., Semantic discontinuities: Investigating designers' product expressions versus users' product impressions, Doktora, J.KHALAJ(Öğrenci), 2015

PEDGLEY O. F., Research and design for a material sample information system appropriate to industrial design students, Yüksek Lisans, İ.FAZIL(Öğrenci), 2013

PEDGLEY O. F., Industrial design and the mass customization of electronic consumer goods, Doktora, S.KAYĞIN(Öğrenci), 2013

Pedgley O. F., Özcan Vieira E., A lexicon for product experiences, Yüksek Lisans, G.Onuşuel(Öğrenci), 2012

PEDGLEY O. F., Pedgley O., Araba yolcusu aktivitelerinin fizyoloji ve konfor üzerine duygusal etkileri : ampirik bir çalışma., Yüksek Lisans, A.Kruithof(Öğrenci), 2012

PEDGLEY O. F., Ankara mobilya endüstrisindeki küçük ve orta ölçekli işletmelerinin sürdürülebilir ürün tasarımına entegrasyonuna dair fırsatlar ve engeller., Yüksek Lisans, M.Erçin(Öğrenci), 2012

Pedgley O. F., Sonneveld M., Physical pain in user-product interaction, Yüksek Lisans, E.DİKDUR(Öğrenci), 2011

PEDGLEY O. F., Harnessing children's creativity in contextmapping activities, Yüksek Lisans, A.DENİZ(Öğrenci), 2010

PEDGLEY O. F., The influence of sound properties on the semantic associations of product sounds, Yüksek Lisans, J.CLAİRE(Öğrenci), 2010

PEDGLEY O. F., Research and product design to minimize food waste in western domestic kitchens, Yüksek Lisans, A.BEKTEŞ(Öğrenci), 2010

PEDGLEY O. F., A comparative analysis of designers' intended messages and users' perceived messages embodied in product appearance, Yüksek Lisans, J.KHALAJ(Öğrenci), 2009

PEDGLEY O. F., Akıllı malzemeler bağlamında iletişim: malzeme inovasyonu ve ürün tasarımı arasındaki boşluğu gidermek, Yüksek Lisans, T.Akn(Öğrenci), 2009

Jüri Üyelikleri

Tez Savunma (Doktora), Tez Savunma (Doktora), Middle East Technical University, Eylül, 2022

Ödül, iF Design Talent Award, iF International Forum Design, Nisan, 2022

Tez Savunma (Doktora), Tez Savunma (Doktora), Politecnico di Milano, Şubat, 2022

Tez Savunma (Doktora), Tez Savunma (Doktora), Politecnico di Milano, Şubat, 2022

Yarışma, iF Design Talent Awards 2021-02, iF, Eylül, 2021

Yarışma, iF Design Talent Awards 2021-02, iF, Eylül, 2021

Tez Savunma (Doktora), Tez Savunma (Doktora), SS. Cyril & Methodius University, Mayıs, 2021

Tez Savunma (Doktora), Tez Savunma (Doktora), Middle East Technical University, Mart, 2021

Tez Savunma (Doktora), Tez Savunma (Doktora), Middle East Technical University, Şubat, 2021

Tasarlanan Programlar

Şener Pedgley B., Börekçi N. A. G. Z., Pedgley O. F., Ünlü C. E., Hekkert P., Diehl J., Kuijer L., Lisans Çift Anadal, 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

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Targeting a Luxury Driver Experience: Design Considerations for Automotive HMI and Interiors**
Yardıı S., PEDGLEY O. F.
International Journal of Design, cilt.17, sa.2, ss.45-66, 2023 (SCI-Expanded)
- II. **Design for performability: a proposal for democratic redesign of the classical guitar**
Korkmaz A., PEDGLEY O. F.
Journal of New Music Research, cilt.52, sa.2-3, ss.161-185, 2023 (SCI-Expanded)
- III. **A semantic discontinuity detection (SDD) method for comparing designers' product expressions with users' product impressions**
Khalaj J., Pedgley O.
DESIGN STUDIES, cilt.62, ss.36-67, 2019 (SCI-Expanded)
- IV. **Embracing Material Surface Imperfections in Product Design**
PEDGLEY O. F., ŞENER PEDGLEY B., Lilley D., Bridgens B.
INTERNATIONAL JOURNAL OF DESIGN, cilt.12, sa.3, ss.21-33, 2018 (SCI-Expanded)
- V. **Materials experience as a foundation for materials and design education**
PEDGLEY O. F., Rognoli V., Karana E.
INTERNATIONAL JOURNAL OF TECHNOLOGY AND DESIGN EDUCATION, cilt.26, sa.4, ss.613-630, 2016 (SCI-Expanded)
- VI. **Sample libraries to expedite materials experience for design: A survey of global provision**
Akin F., Pedgley O.
MATERIALS & DESIGN, cilt.90, ss.1207-1217, 2016 (SCI-Expanded)
- VII. **Emerging material experiences**
Karana E., PEDGLEY O. F., Rognoli V., Korsunsky A.
MATERIALS & DESIGN, cilt.90, ss.1248-1250, 2016 (SCI-Expanded)
- VIII. **On Materials Experience**
Karana E., PEDGLEY O. F., Rognoli V.
DESIGN ISSUES, cilt.31, sa.3, ss.16-27, 2015 (AHCI)
- IX. **Comparison of Semantic Intent and Realization in Product Design: A Study on High-End Furniture Impressions**
Khalaj J., PEDGLEY O. F.
INTERNATIONAL JOURNAL OF DESIGN, cilt.8, sa.3, ss.79-96, 2014 (SCI-Expanded)
- X. **Rob armstrong – over 40 years of outstanding guitar making in England's heartland**
PEDGLEY O. F., Norman E.
Craft Research, cilt.5, sa.1, ss.111-120, 2014 (SCI-Expanded)
- XI. **Materials Innovation in Acoustic Guitars: Challenging the Tonal Superiority of Wood**
PEDGLEY O. F., Norman E.
LEONARDO MUSIC JOURNAL, cilt.22, ss.17-24, 2012 (AHCI)
- XII. **INVIGORATING INDUSTRIAL DESIGN MATERIALS AND MANUFACTURING EDUCATION**
PEDGLEY O. F.
METU JOURNAL OF THE FACULTY OF ARCHITECTURE, cilt.27, sa.2, ss.339-360, 2010 (AHCI)
- XIII. **SPECIAL FILE: FUTURES FOR MATERIALS AND INDUSTRIAL DESIGN EDUCATION**
Pedgley O.
METU JOURNAL OF THE FACULTY OF ARCHITECTURE, cilt.27, sa.2, ss.265-269, 2010 (AHCI)
- XIV. **Influence of Stakeholders on Industrial Design Materials and Manufacturing Selection**
PEDGLEY O. F.

- INTERNATIONAL JOURNAL OF DESIGN, cilt.3, sa.1, ss.1-15, 2009 (SCI-Expanded)
- XV. **MATERIALS-INSPIRED INNOVATION FOR ACOUSTIC GUITAR DESIGN**
PEDGLEY O. F., Norman E., Armstrong R.
METU JOURNAL OF THE FACULTY OF ARCHITECTURE, cilt.26, sa.1, ss.157-175, 2009 (AHCI)
- XVI. **Capturing and analysing own design activity**
PEDGLEY O. F.
DESIGN STUDIES, cilt.28, sa.5, ss.463-483, 2007 (SCI-Expanded)
- XVII. **Integration of design projects within a Ph.D.**
PEDGLEY O. F., Wormald P.
DESIGN ISSUES, cilt.23, sa.3, ss.70-85, 2007 (AHCI)
- XVIII. **DDR4 (Designing Design Research 4) - Event review and reflections**
PEDGLEY O. F.
DESIGN ISSUES, cilt.21, sa.3, ss.82-85, 2005 (AHCI)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Ürün ve UX/UI Tasarımında Öğrenci Yetkinliğinin Geliştirilmesi**
Şener Pedgley B., Pedgley O. F.
YEDİ: SANAT, TASARIM VE BİLİM DERGİSİ, cilt.30, sa.30, ss.95-104, 2023 (Hakemli Dergi)
- II. **A Collaborative Mass Customization Design Project on Electronic Consumer Goods**
Sel S. K., PEDGLEY O. F.
International Journal of Industrial Engineering and Management, cilt.3, sa.4, ss.215-221, 2012 (Scopus)
- III. **Design decision-making and materials: research agendas and gathering evidence**
Norman E., Pedgley O. F., Coles R.
Journal of Design and Technology Education, cilt.9, sa.2, ss.107-115, 2004 (Hakemli Dergi)
- IV. **Topple dangers posed by free-standing soccer goalposts**
Pedgley O. F., Haake S.
Sports Engineering, cilt.5, sa.1, ss.53-63, 2002 (ESCI)

Kitap & Kitap Bölümleri

- I. **The material: An active and dynamic medium in design education**
Zhou Z., Rognoli V., Pedgley O. F.
Design Culture Matters: Embracing Cultures and Cross-Cultures through Design Perspective and Matters, BOSONI G., CECCHI M, Editör, FrancoAngeli, Milan, ss.55-68, 2023
- II. **Materials Experience 2: Expanding Territories of Materials and Design**
Pedgley O. F. (Editör), Rognoli V. (Editör), Karana E. (Editör)
Elsevier Science, Oxford/Amsterdam , Oxford, 2021
- III. **Expanding territories of materials and design**
Pedgley O. F., Rognoli V., Karana E.
Materials Experience 2: Expanding Territories of Materials and Design, Owain Pedgley, Valentina Rognoli, Elvin Karana, Editör, Elsevier Science, Oxford/Amsterdam , Oxford, ss.1-12, 2021
- IV. **Surface texture as a designed material product attribute**
Şener Pedgley B., Pedgley O. F.
Material Experience 2: Expanding Territories of Materials and Design, Owain Pedgley, Elvin Karana, Valentina Ragnoli, Editör, Elsevier Science, Oxford/Amsterdam , Oxford, ss.67-89, 2021
- V. **Expert Interview: What Are The Changes Required In The Industrial World To Adapt To Circular Materials Innovation?**
Pedgley O. F.

Material Designers: Boosting Talent Towards Circular Economies, Cleries L,Rognoli V,Solanki S,Llorach P, Editör, Elisava / Politecnico di Milano / Matter, Barcelona, ss.62, 2021

- VI. **Relentless Materiality**
Pedgley O. F.
The Material Side of Design: The Future Material Design Cultures, De Giorgi C,Lerma B,Dal Palu D, Editör, Umberto Allemandi, Turin, ss.10-15, 2020
- VII. **Resistant Materials in Technology Education**
ŞENER PEDGLEY B., Pedgley O.
Handbook of Technology Education, de Vries, Marc J., Editör, Springer, ss.319-336, 2017
- VIII. **Materials Experience: Fundamentals of Materials and Design**
Karana E. (Editör), Pedgley O. F. (Editör), Rognoli V. (Editör)
Elsevier Science, Oxford/Amsterdam , Oxford, 2014
- IX. **Materials Selection for Product Experience: New Thinking, New Tools**
Pedgley O. F.
Materials Experience: Fundamentals of Materials and Design, Karana E,Pedgley O,Rognoli V, Editör, Elsevier Science, Oxford/Amsterdam , Oxford, ss.337-349, 2014
- X. **Introduction to Materials Experience**
Karana E., Pedgley O. F., Rognoli V.
Materials Experience: Fundamentals of Materials and Design, Karana E.,Pedgley O,Rognoli V, Editör, Elsevier Science, Oxford/Amsterdam , Oxford, ss.25-33, 2014

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Designing With Self-Determination Theory: Home-Based Digital Exercise Interventions Creating Positive Change**
Şener Pedgley B., Pedgley O. F.
ICED23 - 24th International Conference on Engineering Design, Bordeaux, Fransa, 24 - 28 Temmuz 2023, cilt.3, ss.1417-1424
- II. **Designing with Self-Determination Theory: Home-Based Digital Exercise Interventions Creating Positive Change**
Şener Pedgley B., Pedgley O. F.
ICED23, Bordeaux, Fransa, 24 - 28 Temmuz 2023, ss.179-180
- III. **The Redesign Studio: An Intensive Evidence-Based Approach for Ideating Product and UX/UI Improvements**
Pedgley O., ŞENER PEDGLEY B.
EPDE: Int. Conf. on Engineering and Product Design Education, Londrina, Brezilya, 8 - 09 Eylül 2022
- IV. **WEARABLE TACTUAL COMMUNICATORS: DESIGNING PRODUCTS WITH TECHNOLOGY-MEDIATED TOUCH**
Şener Pedgley B., Pedgley O.
23rd International Conference on Engineering and Product Design Education (EPDE 2021), Helsingor, Danimarka, 9 - 10 Eylül 2021
- V. **Ürün-Kullanıcı Deneyiminde Dokunma Hissinin Haptik Teknolojilerle Zenginleştirilmesi**
Şener Pedgley B., Pedgley O.
4. UTAK 2020 Ulusal Tasarım Araştırmaları Konferansı, Ankara, Türkiye, 8 - 10 Eylül 2020, ss.167-178
- VI. **To Simulate or Not to Simulate? Challenges in Digitally Prototyping HMI Interactive Technologies**
Yardim Sener S., Pedgley O. F.
1st International Conference on Progress in Digital and Physical Manufacturing, ProDPM 2019, Leiria, Portekiz, 2 - 04 Ekim 2019, ss.82-88
- VII. **Barriers and opportunities for integrating sustainable product design into Ankara small and medium-sized furniture enterprises**

Okursoy M. E., Pedgley O. F.

29th International Conference Research for Furniture Industry, Ankara, Türkiye, 19 - 20 Eylül 2019, ss.1-15

VIII. Rapid development of materials experience through active learning

Pedgley O. F.

DRS LearnXdesign 2019 5th International Conference for Design Education Researchers, Ankara, Türkiye, 9 - 12 Temmuz 2019, ss.521-530

IX. Accelerating students' capability in design for interaction

Şener Pedgley B., Pedgley O. F.

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

X. Yaşlılar için Evde E-Sağlık Çözümleri

Şener Pedgley B., Pedgley O., Hasdoğan G. F.

UTAK 2018 Ulusal Tasarım Araştırmaları Konferansı: Tasarım ve Umut, Ankara, Türkiye, 12 - 14 Eylül 2018, ss.201-2017

XI. Simulated CMF as a credible representation method for experimental design studies

Ulusoy B., Olgunturk N., PEDGLEY O. F.

14th Conferenza del Colore, Florence, İtalya, 11 - 12 Eylül 2018

XII. Product experience and luxury values

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

10th International Conference on Design and Emotion, D and E 2016, Amsterdam, Hollanda, 27 - 30 Eylül 2016, ss.107-113

XIII. Designing for multisensorial interactive product experiences

ŞENER PEDGLEY B., Pedgley O. F.

17th International Conference on Engineering and Product Design Education, E and PDE 2015, Loughborough, Birleşik Krallık, 3 - 04 Eylül 2015, ss.406-411

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

Sener B., Pedgley O. F.

9th International Conference on Design and Emotion 2014, Bogota, Cali and Medellin, Kolombiya, 6 - 10 Ekim 2014, ss.698-705

XV. So, what comes next? constructive randomness within products

Sener B., Pedgley O. F.

8th International Conference on Design and Emotion: Out of Control, London, Birleşik Krallık, 11 - 14 Eylül 2012

XVI. Product names as a medium of communication from designers to target users

Khalaj J., Pedgley O. F.

8th International Conference on Design and Emotion: Out of Control, London, Birleşik Krallık, 11 - 14 Eylül 2012

XVII. Natural fibre composites in product design: An investigation into material perception and acceptance

Rognoli V., Karana E., Pedgley O. F.

2011 Conference on Designing Pleasurable Products and Interfaces, DPPI 2011, Milan, İtalya, 22 - 25 Haziran 2011

XVIII. Developments in user-centred materials selection for industrial design

Pedgley O. F.

13th International Conference on Engineering and Product Design Education, E and PDE 2011, London, Birleşik Krallık, 8 - 09 Eylül 2011, ss.654-659

XIX. A synopsis of materials and manufacturing expertise for trainee industrial designers

Pedgley O. F., Norman E.

10th International Conference on Engineering and Product Design Education, E and PDE 2008, Newcastle, Birleşik Krallık, 13 - 14 Eylül 2007, ss.167-172

XX. Design decision-making and materials - Investigations in the context of recycled polymers

Norman E., Pedgley O. F., Coles R.

Design and Manufacture for Sustainable Development 2004, Loughborough, Birleşik Krallık, 1 - 02 Eylül 2004,

Desteklenen Projeler

PEDGLEY O. F., Yükseköğretim Kurumları Destekli Proje, Endüstriyel Tasarım Malzeme Deneyim Laboratuvarı Altyapı Projesi, 2012 - 2013

Bilimsel Dergilerdeki Faaliyetler

She Ji, Editörler Kurulu Üyesi, 2023 - Devam Ediyor

Design Studies, Editörler Kurulu Üyesi, 2020 - Devam Ediyor

YEDİ: SANAT, TASARIM VE BİLİM DERGİSİ, Danışma Kurul Üyesi, 2020 - Devam Ediyor

Bilimsel Hakemlikler

INTERNATIONAL JOURNAL OF TECHNOLOGY AND DESIGN EDUCATION, SSCI Kapsamındaki Dergi, Ekim 2022

TEI2023: International Conference on Tangible, Embedded and Embodied Interaction, Bildiri (Tam Metin), Eylül 2022

INTERNATIONAL JOURNAL OF TECHNOLOGY AND DESIGN EDUCATION, SSCI Kapsamındaki Dergi, Ağustos 2022

MATERIALS AND DESIGN, SCI-E Kapsamındaki Dergi, Temmuz 2022

DRS2022: Design Research Society International Conference 2022, Bildiri (Tam Metin), Ocak 2022

MATERIALS AND DESIGN, SCI-E Kapsamındaki Dergi, Ocak 2022

DESIGN JOURNAL, AHCI Kapsamındaki Dergi, Ocak 2021

Journal of Design Research, Diğer İndekslerce Taranan Dergi, Ocak 2021

INTERNATIONAL JOURNAL OF TECHNOLOGY AND DESIGN EDUCATION, SCI-E Kapsamındaki Dergi, Ocak 2021

She Ji: The Journal of Design, Economics and innovation, Diğer İndekslerce Taranan Dergi, Ocak 2020

INTERNATIONAL JOURNAL OF TECHNOLOGY AND DESIGN EDUCATION, SCI-E Kapsamındaki Dergi, Ocak 2020

INTERNATIONAL JOURNAL OF DESIGN, SSCI Kapsamındaki Dergi, Ocak 2020

DESIGN STUDIES, SCI-E Kapsamındaki Dergi, Ocak 2020

Design For Health, Diğer İndekslerce Taranan Dergi, Ocak 2020

DESIGN JOURNAL, AHCI Kapsamındaki Dergi, Ocak 2020

MATERIALS & DESIGN, SCI Kapsamındaki Dergi, Ocak 2020

METU JOURNAL OF THE FACULTY OF ARCHITECTURE, AHCI Kapsamındaki Dergi, Ocak 2020

Disena, Diğer İndekslerce Taranan Dergi, Ocak 2020

MATERIALS & DESIGN, SCI Kapsamındaki Dergi, Ocak 2019

Bilimsel Danışmanlıklar

British Council, Kurum veya Organizasyonlar İçin Yapılan Danışmanlık, Orta Doğu Teknik Üniversitesi, Mimarlık Fakültesi, Endüstriyel Tasarım Bölümü, Türkiye, 2021 - 2021

Metrikler

Yayın: 61

Atf (WoS): 211

Atf (Scopus): 309

H-İndeks (WoS): 8

H-İndeks (Scopus): 10

Kongre ve Sempozyum Katılımı Faaliyetleri

Materials Design for Transitions, Davetli Konuşmacı, Milan, İtalya, 2023

Davetli Konuşmalar

Overview of the European Doctorate in Design (D.Doc), Seminer, Loughborough University, İngiltere, Ağustos 2023

Interfaces and Interactions for Seniors, Seminer, Middle East Technical University, Türkiye, Mayıs 2023