

Prof. OWAIN FRANCIS PEDGLEY

Personal Information

Email: pedgley@metu.edu.tr

Web: <https://avesis.metu.edu.tr/pedgley>

Research Areas

Industrial Design

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty Of Architecture, Department Of Industrial Design, 2018 - Continues

Advising Theses

Pedgley O. F. , Design for luxury automotive HMI systems and driver experiences, Doctorate, S.Yardımcı(Student), 2019
PEDGLEY O. F. , Design for performability in nylon strung acoustic guitars, Doctorate, A.KORKMAZ(Student), 2017
PEDGLEY O. F. , Designing for sound as a component of product experience: Development of a novel conceptual tool, Post Graduate, K.BENLİ(Student), 2015
PEDGLEY O. F. , Semantic discontinuities: Investigating designers' product expressions versus users' product impressions, Doctorate, J.KHALAJ(Student), 2015
PEDGLEY O. F. , Industrial design and the mass customization of electronic consumer goods, Doctorate, S.KAYĞIN(Student), 2013
PEDGLEY O. F. , Research and design for a material sample information system appropriate to industrial design students, Post Graduate, İ.FAZIL(Student), 2013
PEDGLEY O. F. , Harnessing children's creativity in contextmapping activities, Post Graduate, A.DENİZ(Student), 2010
PEDGLEY O. F. , The influence of sound properties on the semantic associations of product sounds, Post Graduate, J.CLAIRE(Student), 2010
PEDGLEY O. F. , Research and product design to minimize food waste in western domestic kitchens, Post Graduate, A.BEKTEŞ(Student), 2010
PEDGLEY O. F. , A comparative analysis of designers' intended messages and users' perceived messages embodied in product appearance, Post Graduate, J.KHALAJ(Student), 2009

Program Developments

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

- **A semantic discontinuity detection (SDD) method for comparing designers' product expressions with users' product impressions**

Khalaj J., Pedgley O.

DESIGN STUDIES, vol.62, pp.36-67, 2019 (Journal Indexed in SCI)

● **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)

● **Sample libraries to expedite materials experience for design: A survey of global provision**

Akin F., Pedgley O.

MATERIALS & DESIGN, vol.90, pp.1207-1217, 2016 (Journal Indexed in SCI)

● **Materials Innovation in Acoustic Guitars: Challenging the Tonal Superiority of Wood**

PEDGLEY O. F. , Norman E.

LEONARDO MUSIC JOURNAL, vol.22, pp.17-24, 2012 (Journal Indexed in AHCI)

● **SPECIAL FILE: FUTURES FOR MATERIALS AND INDUSTRIAL DESIGN EDUCATION**

Pedgley O.

METU JOURNAL OF THE FACULTY OF ARCHITECTURE, vol.27, pp.265-269, 2010 (Journal Indexed in AHCI)

● **INVIGORATING INDUSTRIAL DESIGN MATERIALS AND MANUFACTURING EDUCATION**

PEDGLEY O. F.

METU JOURNAL OF THE FACULTY OF ARCHITECTURE, vol.27, pp.339-360, 2010 (Journal Indexed in AHCI)

● **Influence of Stakeholders on Industrial Design Materials and Manufacturing Selection**

PEDGLEY O. F.

INTERNATIONAL JOURNAL OF DESIGN, vol.3, pp.1-15, 2009 (Journal Indexed in SCI)

● **MATERIALS-INSPIRED INNOVATION FOR ACOUSTIC GUITAR DESIGN**

PEDGLEY O. F. , Norman E., Armstrong R.

METU JOURNAL OF THE FACULTY OF ARCHITECTURE, vol.26, pp.157-175, 2009 (Journal Indexed in AHCI)

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

● **Ürün-Kullanıcı Deneyiminde Dokunma Hissinin Haptik Teknolojilerle Zenginleştirilmesi**

Şener Pedgley B., Pedgley O. F.

4. UTAK Ulusal Tasarım Araştırmaları Konferansı, Ankara, Turkey, 8 - 10 September 2020, pp.15

● **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, Turkey, 19 - 20 September 2019, pp.1-15

● **Rapid development of materials experience through active learning**

Pedgley O. F.

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

July 2019, pp.521-530

● **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

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

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

- UTAK 2018 Ulusal Tasarım Arařtırmaları Konferansı: Tasarım ve Umut, Turkey, 12 - 14 September 2018
Simulated CMF as a credible representation method for experimental design studies
Ulusoy B., Olgunturk N., PEDGLEY O. F.
- 14th Conferenza del Colore, Florence, Italy, 11 - 12 September 2018
Product Experience and Luxury Values
YARDIM ŐENER S., Ően G., Pedgley O., ŐENER PEDGLEY B., Murray G.
10th International Conference on Design Emotion: 'Celebration and Contemplation', Amsterdam, Netherlands, 27 - 30 September 2016

Supported Projects

PEDGLEY O. F. , Project Supported by Higher Education Institutions, Endüstriyel Tasarım Malzeme Deneyim Labaratuarı Altyapı Projesi, 2012 - 2013

Citations

Total Citations (WOS):41

h-index (WOS):4