

## Asst. Prof. Sedef Süner Pla Cerda

### Personal Information

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### International Researcher IDs

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### Biography

Dr. Sedef Süner obtained her B.I.D, M.Sc and Ph.D degrees from Department of Industrial Design at Middle East Technical University. In 2016, she was granted TUBITAK research funding to conduct part of her doctoral studies as a visiting researcher at Mintlab, University of Leuven.

As a research assistant at METU Department of Industrial Design, she contributed to such undergraduate and graduate level courses as history of design, design and culture, and user research. She worked as a user experience researcher in industry collaboration research projects at BILTIR-UTEST Product Usability Unit.

Having completed her doctoral studies on design for children and research methods with child-users, she continues research and teaching on user-centred design, methods of user experience research, and integration of user-centred methods into design education.

Sedef Süner joined the academic team of the TEDU Department of Industrial Design as an assistant professor in April 2018.

### Education Information

Doctorate, Middle East Technical University, Industrial Design, Turkey 2012 - 2018

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2009 - 2012

Undergraduate, Middle East Technical University, Turkey 2005 - 2009

### Foreign Languages

English

Turkish

### Academic Titles / Tasks

Assistant Professor, TED University, Faculty of Architecture and Design, Department of Industrial Design, 2018 -

Continues

Research Assistant, Middle East Technical University, Mimarlık Fakültesi, Endüstriyel Tasarım Bölümü, 2009 - 2018

## Academic and Administrative Experience

Head of Department, TED University, Faculty Of Architecture And Design, Department Of Industrial Design, 2018 - Continues

Erasmus Coordinator, TED University, Faculty Of Architecture And Design, Department Of Industrial Design, 2019 - 2022

Human Research Ethics Committee, TED University, Vice Chancellor (Provost), 2019 - 2022

## Courses

Industrial Design I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Design For User Experience, Undergraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Industrial Design II, Undergraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020

Ergonomics and Human Factors in Design, Undergraduate, 2023 - 2024, 2022 - 2023

Ergonomics and Human Factors in Design, Undergraduate, 2022 - 2023

Introduction to Industrial Design, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Basics of Three Dimensional Design, Undergraduate, 2018 - 2019

Basics of Design, Undergraduate, 2018 - 2019

## Advising Theses

Süner Pla Cerda S., Töre Yargın G., Rigour and relevance in user experience research: Investigating the practices of ux teams and firms in remote research context, Doctorate, S.DANIŞ(Student), 2023

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Technology-enhanced learning practices in studio pedagogy: A scoping review**  
Süner Pla Cerda S., Yazırılıoğlu L., Güzeller G.  
INTERNATIONAL JOURNAL OF TECHNOLOGY AND DESIGN EDUCATION, pp.1-36, 2024 (SCI-Expanded)
- II. **Towards an integrative model of blended design studios: a multiple case study across architecture, design and planning education**  
Süner Pla Cerda S., Öztürk E., Ünlü C. E.  
EDUCATION AND INFORMATION TECHNOLOGIES, pp.1-35, 2024 (SSCI)
- III. **Industrial Designers in UX Practice: Motivations, Professionalization and the Construction of Designer Identity**  
Süner Pla Cerda S., Töre Yargın G., Günay A.  
DESIGN ISSUES, vol.39, no.2, pp.27-40, 2023 (AHCI)
- IV. **'How should my family assistant be?': initial perceptions about prospective and anticipated use of in-home virtual assistants in an emerging context**  
Gunay A., Yargın G. T., Süner Pla Cerda S., Kulaksız M.  
BEHAVIOUR & INFORMATION TECHNOLOGY, vol.42, no.7, pp.961-984, 2023 (SCI-Expanded)
- V. **Industrial design students' perceptions towards a career in user experience field in Turkey**  
Süner Pla Cerda S., Gunay A., TÖRE YARGIN G., URAL H.  
INTERNATIONAL JOURNAL OF TECHNOLOGY AND DESIGN EDUCATION, vol.32, no.3, pp.1895-1923, 2022 (SCI-Expanded)
- VI. **EVALUATION OF CONSTRUCT ELICITATION AS A RESEARCH METHOD TO OBTAIN DESIGN-RELEVANT**

## DATA FROM CHILDREN

Süner Pla Cerda S., Erbug C.

METU JOURNAL OF THE FACULTY OF ARCHITECTURE, vol.33, no.2, pp.19-43, 2016 (AHCI)

## Articles Published in Other Journals

- I. **User Requirements and Involvement Methods in the Development of Hand Exoskeletons: A Review**  
Süner Pla Cerda S., Şahin B., Arıkan K. B.  
ACM Transactions on Human-Robot Interaction, pp.1-27, 2024 (ESCI)
- II. **Remote UX Research in Unpredictable Times: Takeaways from Early Pandemic Practices**  
Danış S., Töre Yargın G., Süner Pla Cerda S.  
Journal of User Experience, vol.19, no.1, pp.8-31, 2023 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Deneyap Teknoloji Atölyeleri Tasarım ve Üretim Ders Kitabı (Lise)**  
Kaygan P., Süner Pla Cerda S., Akkuş Çakır N., Karadoğaner A., Eren G., Kapkın E., Yılmaz T.  
TÜBİTAK Popüler Bilim Kitapları, Ankara, 2022
- II. **Deneyap Teknoloji Atölyeleri Tasarım ve Üretim Ders Kitabı (Ortaokul)**  
Kaygan P., Süner Pla Cerda S., Akkuş Çakır N., Karadoğaner A., Eren G., Kapkın E., Yılmaz T.  
TÜBİTAK Popüler Bilim Kitapları, Ankara, 2022
- III. **Empowering Children as Design Informants through Generative Design Research**  
Süner Pla Cerda S., Erbuğ Ç.  
in: Creativity in Educational Research and Practice, Elena Xenı, Editor, Brill, pp.41-54, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **Formative Usability Assessment of a Rehabilitative Hand Exoskeleton – Directions for User-Friendly Physical Interfaces**  
Süner Pla Cerda S., Şahin B., Arıkan K. B.  
IHiet International Conference on Human Interaction and Emerging Technologies, Venice, Italy, 26 - 28 August 2024, pp.355-365
- II. **Utilising sharing economy to address impact-centred approach in design education**  
Günay A., Süner Pla Cerda S.  
DRS2024: Boston, Massachusetts, United States Of America, 23 - 28 June 2024, pp.1-23
- III. **Blended Design Education: Experiences, Challenges and Opportunities**  
Süner Pla Cerda S., Öztürk E., Ünlü C. E.  
The 7th International Conference for Design Education Researchers, London, England, 29 November - 01 December 2023, pp.1-14
- IV. **Dijital araç ve ortamların stüdyo pedagojisindeki yerine dair bir çoklu vaka çalışması**  
Süner Pla Cerda S., Öztürk E.  
DILET2022 - 4. Uluslararası Uzaktan Öğrenme ve Yenilikçi Eğitim Teknolojileri Konferansı, Ankara, Turkey, 8 - 09 December 2022, pp.112-127
- V. **Examining the Impact of Covid-19 Pandemic on UX Research Practice Through UX Blogs**  
Süner Pla Cerda S., Yargın G. T., Sahin H., DANIŞ S.  
10th International Conference on Design, User Experience, and Usability held as Part of the 23rd International Conference on Human-Computer Interaction (HCI), ELECTR NETWORK, 24 - 29 July 2021, vol.12779, pp.579-592
- VI. **UX Modelling in Design Education: Methods, Processes and Examples**

- Töre Yargın G., Günay A., Süner Pla Cerda S.  
DRS Learn X Design 2019: Insider Knowledge, Ankara, Turkey
- VII. **Seeking for Diversity among Young Users: the case of children's photography**  
Süner Pla Cerda S., Erbuğ Ç.  
Design Research Society Conference 2018, vol.5, pp.1871-1883
- VIII. **Tasarımda Çocuk Temsilleri Üzerine Bir Derleme Çalışması**  
Süner Pla Cerda S., Erbuğ Ç.  
UTAK 2018: Tasarım ve Umut, pp.395-407
- IX. **Modelling user experience: Integrating user experience research into design education**  
TÖRE YARGIN G., Süner Pla Cerda S., GÜNAY A. A.  
12th International Conference on Interfaces and Human Computer Interaction 2018, 11th International Conference on Game and Entertainment Technologies 2018 and 12th International Conference on Computer Graphics, Visualization, Computer Vision and Image Processing 2018, part of the Multi Conference on Computer Science and Information Systems 2018, MCCSIS 2018, Madrid, Spain, 18 - 20 July 2018, vol.2018-July, pp.26-34
- X. **Incorporating Children's Perspectives into Early Design Process through Construct Elicitation**  
Süner Pla Cerda S.  
Manchester, England
- XI. **Rethinking Gender Stereotypes: A Queer Eye to Home**  
Süner Pla Cerda S., Kaygan H.  
Gendered Perspective in Design: Turkish and Global Context, 09 May 2013, pp.56-69
- XII. **Çocuklarla Yaratıcı Tasarım Araştırması: Uygulamaya Yönelik Zorluklar ve Öneriler**  
Süner Pla Cerda S., Erbuğ Ç.  
UTAK 2014: Eğitim, Araştırma, Meslek ve Sosyal Sorumluluk, 12 - 14 September 2014, pp.349-359
- XIII. **Tasarım Aktivizmi Olarak Katılımcı Tasarım ve Tasarımcının Katılım Deneyimi: ODTÜ Asistan Dayanışması Örneği**  
Süner Pla Cerda S., Kaygan H.  
UTAK 2014: Eğitim, Araştırma, Meslek ve Sosyal Sorumluluk, 12 - 14 September 2014, pp.119-130
- XIV. **Musical Instruments Made By Small Hands: A Multifunctional Activity at Preschools in Turkey**  
Süner Pla Cerda S., Ünlü C. E.  
3rd World Conference on Learning, Teaching and Educational Leadership

## Supported Projects

- Süner Pla Cerda S., Ünlü C. E., Kumbasar E., Project Supported by Higher Education Institutions, Exploring the potential role of AI-based text-to-image generation in creative design process, 2023 - 2025
- Süner Pla Cerda S., Kuru B., Yaşa İ., Seval U., Project Supported by Higher Education Institutions, Developing Sharing and Collaboration Driven Design Strategies for Positive Menstrual Experience, 2023 - 2024
- Süner Pla Cerda S., Ünlü C. E., Öztürk E., TUBITAK Project, "Harmanlanmış Tasarım Eğitimi İçin Kavramsal Model Ve Pedagojik Araç Seti Geliştirilmesi", 2022 - 2024
- Arıkan K. B., Süner Pla Cerda S., Boran H. E., Batur Çağlayan H. Z., Turgut A. E., Gürses S., Ünal Ç. T., Cengiz B., Zinnuroğlu M., Günendi Z., et al., TUBITAK Project, El için Robotik Ayna Terapi Sisteminin Motor Öğrenme Temelli Geliştirilmesi, 2021 - 2024
- SÜNER PLA CERDA S., Töre Yargın P. G., TUBITAK Project, "Kullanıcı Deneyimi Araştırması Sürecini Uzaktan Gerçekleştirmeyi Destekleyici Bir Rehber Geliştirilmesi", 2020 - 2020
- Rodoplu U., Elish Türkmen P. B., SÜNER PLA CERDA S., Ocak E., Akgüner C., Development Agency, Sosyal Sorunlara Yenilikçi Çözümler Üretilmesinde Tasarım Odaklı ve Disiplinlerarası bir Arayüz Kurulumu Fizibilitesi, 2019 - 2020
- SÜNER PLA CERDA S., Yargın P. G. T., Ash G., Project Supported by Higher Education Institutions, Bir Eğitim Amacı Olarak Kullanıcı Deneyimi Modelleme, 2017 - 2019

## **Memberships / Tasks in Scientific Organizations**

ENTAK Endüstriyel Tasarım Akreditasyon Kurulu, Member, 2023 - Continues, Turkey

## **Scientific Consultations**

Ministry of Science, Industry and Technology, Ted University, Mimarlık Ve Tasarım Fakültesi, Endüstriyel Tasarım Bölümü, Turkey, 2021 - 2021

Ministry of Science, Industry and Technology, Ted University, Mimarlık Ve Tasarım Fakültesi, Endüstriyel Tasarım Bölümü, Turkey, 2020 - 2020

Ministry of Science, Industry and Technology, Ted University, Mimarlık Ve Tasarım Fakültesi, Endüstriyel Tasarım Bölümü, Turkey, 2020 - 2020

Ministry of Science, Industry and Technology, Ted University, Mimarlık Ve Tasarım Fakültesi, Endüstriyel Tasarım Bölümü, Turkey, 2020 - 2020

Ministry of Science, Industry and Technology, Ted University, Mimarlık Ve Tasarım Fakültesi, Endüstriyel Tasarım Bölümü, Turkey, 2020 - 2020

Scientific and Technological Research Council of Turkey, Ted University, Mimarlık Ve Tasarım Fakültesi, Endüstriyel Tasarım Bölümü, Turkey, 2019 - 2019