

Asst. Prof. Ekrem Cem Alppay

Personal Information

Email: calppay@itu.edu.tr

Address: İstanbul Teknik Üniversitesi Mimarlık Fakültesi Taşkışla Kampüsü Harbiye Mahallesi, Taşkışla Cd, No:2 34367, Şişli/İstanbul / Türkiye

Education Information

Doctorate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Ürünleri Tasarımı, Turkey 2001 - 2011

Post Graduate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Ürünleri Tasarımı, Turkey 1997 - 2000

Under Graduate, Mimar Sinan Güzel Sanatlar Üniversitesi, Mimarlık Fakültesi, Endüstri Ürünleri Tasarımı, Turkey 1993 - 1997

Foreign Languages

French, B2 Upper Intermediate

English, B2 Upper Intermediate

Dissertations

Doctorate, Helikopter Göstergelerinin Konumlandırılmasına Yönelik bir Araştırma Metodu, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Ürünleri Tasarımı, 2011

Post Graduate, Hafif raylı Sistem Araçlarının İç Mekanlarının Morfolojik Analizi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Ürünleri Tasarımı, 2000

Research Areas

Technical Sciences

Academic Titles / Tasks

Assistant Professor, Istanbul Technical University, Mimarlık, Endüstri Ürünleri Tasarımı, 2015 - Continues

Courses

Usability Research in Industrial Design, Post Graduate, 2018 - 2019, 2019 - 2020

New Product Development, Under Graduate, 2017 - 2018

Industrial Product Design V, Under Graduate, 2017 - 2018

Industrial design Studio 1, Under Graduate, 2016 - 2017

Computer Aided Design, Under Graduate, 2016 - 2017

Tasarım Araştırmalarında Uygulamalı İnsan Faktörleri Metotları, Doctorate, 2017 - 2018

Directed Studies in Design, Post Graduate, 2016 - 2017

Jury Memberships

Doctorate, Yener Altıparmakođulları'nın Doktora Jürisi, Mimar Sinan Güzel Sanatlar Üniversitesi, July, 2017

Post Graduate, Nilay Gülfer Köse'in Yüksek Lisans Jürisi, Mimar Sinan Güzel Sanatlar Üniversitesi, June, 2017

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

- I. **An ergonomics based design research method for the arrangement of helicopter flight instrument panels**

Alppay E. C. , Bayazit E. N.

Applied Ergonomics, vol.51, pp.85-101, 2015 (Journal Indexed in SSCI)

Articles Published in Other Journals

- I. **A User-centered Optimization Method for Helicopter Flight Instrument Panels**

Alppay E. C. , Bayazit N.

ADVANCES IN HUMAN ASPECTS OF AVIATION, pp.63-72, 2013 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Study on Determining the Heuristics for Evaluating the Usability of Hot Drink Preparation Devices by Elderly Users**

Numanoglu A., Alppay E. C.

9th International Conference on Applied Human Factors and Ergonomics (AHFE) / International Conferences on Usability and User Experience and Human Factors and Assistive Technology, Florida, United States Of America, 21 - 25 July 2018, vol.794, pp.362-373

- II. **A study on examining user comfort in hospital beds**

Esengün G., Alppay E. C.

AHFE 2017 International Conference on Ergonomics in Design, 2017, California, United States Of America, 17 - 21 July 2017, vol.588, pp.886-896

- III. **Development of an ergonomics checklist for the evaluation of medical tablet computers**

Alppay E. C. , Hedge A.

6th International Conference on Applied Human factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015, Las Vegas, United States Of America, 26 - 30 July 2015, pp.21-28

- IV. **A user-centered optimization method for helicopter flight instrument panels**

Alppay E. C. , Bayazit N.

AHFE 2012 Conference, San Fransisco, United States Of America, 21 - 25 July 2012, pp.63-72

Supported Projects

Alppay E. C. , Project Supported by Higher Education Institutions, MEDİKAL TABLET BİLGİSAYARLARIN DEĞERLENDİRİLMESİNE YÖNELİK BİR KONTROLLİSTESİ GELİŞTİRİLMESİ, 2015 - 2018

Alppay E. C. , Project Supported by Higher Education Institutions, A User Centered Optimization Method for Helicopter Flight Instrument Panels, 2012 - 2018