Asst. Prof. Ekrem Cem Alppay

Personal Information

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International Researcher IDs
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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Endüstri Ürünleri Tasarımı, Turkey 2001 - 2011
Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Endüstri Ürünleri Tasarımı, Turkey 1997 - 2000
Undergraduate, Mimar Sinan Fine Arts University, Faculty Of Archıtecture, 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
Postgraduate, 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, Postgraduate, 2019 - 2020, 2018 - 2019
New Product Development, Undergraduate, 2017 - 2018

Industrial Product Design V, Undergraduate, 2017 - 2018
Industrial design Studio 1, Undergraduate, 2016 - 2017
Computer Aided Design, Undergraduate, 2016 - 2017
Tasarım Araştırmalarında Uygulamalı İnsan Faktörleri Metotları, Doctorate, 2017 - 2018
Directed Studies in Design, Postgraduate, 2016 - 2017

Jury Memberships

Doctorate, Yener Altıparmakoğlulları'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

Published journal articles indexed by SCI, SSCI, and AHCI

I. **An ergonomics based design research method for the arrangement of helicopter flight instrument panels**
Alppay E. C., Bayazıt E. N.
Applied Ergonomics, vol.51, pp.85-101, 2015 (SCI-Expanded)

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 (Peer-Reviewed Journal)

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., Bayazıt 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

Metrics

Publication: 13
Citation (Scopus): 1
H-Index (Scopus): 1