

Assoc. Prof. Adviye Ayça ÜNLÜER ÇİMEN

Personal Information

Web: <https://avesis.yildiz.edu.tr/aunluer>

Biography

Ayça received her Bachelor's Degree in Communication Design at the Art and Design Faculty of Yıldız Technical University (YTU). She completed both her Master's thesis on sound implementation in touch surfaces and her PhD thesis on new methods in gestural interface design education at the Interactive Media Design Program in YTU. She gives courses on concept development, design ergonomics, data visualization, typographic animation, icon design and multimedia projects in YTU and İstanbul Bilgi University. Her current interests are natural user interfaces and creative thinking.

Education Information

Post Doctorate, Chalmers Tekniska Högskola (Chalmers University Of Technology), Interaction Design, Department Of Applied It, Sweden 2014 - 2015

Doctorate, Yıldız Teknik Üniversitesi, Graduate School of Social Sciences, Art And Design, Turkey 2010 - 2014

Postgraduate, Yıldız Teknik Üniversitesi, Faculty of Art & Design, İnteraktif Medya Tasarımı, Turkey 2007 - 2010

Undergraduate, Yıldız Teknik Üniversitesi, Faculty of Art & Design, İletişim Tasarımı, Turkey 2000 - 2006

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, DOĞAL KULLANICI ARAYÜZÜ TASARIMI EĞİTİMİNDE YENİLİKÇİ VE YARATICI ÇIKTILARI ARTTIRMAK İÇİN DRAMA VE MİM TEKNİKLERİNİN KULLANIMI, Yıldız Teknik Üniversitesi, Faculty of Art & Design, Sanat Ve Tasarım Anabilim Dalı, 2014

Postgraduate, GELENEKSEL TÜRK HAT SANATI'NIN ÇOK DOKUNUŞLU EKRAN UYGULAMASIYLA YENİDEN OKUNMASI: GÖMÜLÜ SES, Yıldız Teknik Üniversitesi, İnteraktif Medya Tasarımı, Sosyal Bilimler Enstitüsü, 2010

Research Areas

Social Sciences and Humanities, Art, Art and Design, Design Studies, Computer Sciences, Computer Graphics, Augmented Reality, Information Visualization, Computer Graphics, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Yıldız Teknik Üniversitesi, Faculty of Art & Design, İletişim Tasarımı, 2018 - Continues

Lecturer PhD, Yıldız Technical University, Faculty of Art & Design, İletişim Tasarımı, 2014 - 2018

Research Assistant, Yıldız Teknik Üniversitesi, Faculty of Art & Design, İletişim Tasarımı, 2007 - 2009

Courses

Simge Tasarımı, Undergraduate, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2015 - 2016, 2018 - 2019, 2019 - 2020, 2020 - 2021

Interactive Design Theory, Postgraduate, 2019 - 2020

Proje 4, Undergraduate, 2012 - 2013, 2015 - 2016, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

İkon Tasarımı, Postgraduate, 2011 - 2012, 2018 - 2019, 2019 - 2020, 2020 - 2021

Tipografik Animasyon, Undergraduate, 2008 - 2009, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2017 - 2018, 2018 - 2019

Ergonominin Temelleri, Undergraduate, 2018 - 2019

Bitirme Çalışması, Undergraduate, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2017 - 2018, 2018 - 2019

Proje 3, Undergraduate, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2017 - 2018, 2018 - 2019

Sunum Tasarımı, Undergraduate, 2013 - 2014, 2017 - 2018

Enformasyon Tasarımı, Undergraduate, 2015 - 2016, 2017 - 2018

3B Modelleme, Undergraduate, 2013 - 2014

Dil Kullanımı ve İletişim, Undergraduate, 2013 - 2014

Tasarım İçin Rol Oynama, Undergraduate, 2012 - 2013

DeneySEL Tipografi, Undergraduate, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014

İleri Bilgisayarda Grafik, Undergraduate, 2010 - 2011

Proje 2, Undergraduate, 2009 - 2010, 2010 - 2011, 2011 - 2012

Modern Tasarım Kavramları, Undergraduate, 2009 - 2010, 2010 - 2011

Programlama, Undergraduate, 2011 - 2012

Etkileşimli Ortam Tasarımı, Undergraduate, 2010 - 2011

İnteraktif Tasarım Araçları, Undergraduate, 2010 - 2011

Grafik Tasarım Araçları, Undergraduate, 2010 - 2011

Proje 1, Undergraduate, 2008 - 2009, 2009 - 2010

Temel İnteraktif Araçlar, Undergraduate, 2009 - 2010

Fotoğraf Teknikleri, Undergraduate, 2009 - 2010

Designed Lessons

Ünlüer Çimen A. A. , Interaction Design Ergonomics, Postgraduate, 2019 - 2020

Ünlüer Çimen A. A. , Tasarım İçin Rol Oynama, Undergraduate, 2012 - 2013

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

- I. **The Effectiveness of Mime-Based Creative Drama Education for Exploring Gesture-Based User Interfaces**
Unluer A. A. , Baytas M. A. , Buruk O. T. , Cemalcılar Z., Yemez Y., Ozcan O.
INTERNATIONAL JOURNAL OF ART & DESIGN EDUCATION, vol.37, pp.353-366, 2018 (Journal Indexed in SSCI)
- II. **First Istanbul Design Biennial**
ÜNLÜER ÇİMEN A. A. , ÖZCAN O.
DESIGN AND CULTURE, vol.6, pp.127-130, 2014 (Journal Indexed in AHCI)
- III. **Mime-based creative drama implementations for exploring gestural interaction**
Unluer A. A. , Ozcan O.

- DIGITAL CREATIVITY, vol.24, pp.275-290, 2013 (Journal Indexed in AHCI)
- IV. **Sound and Silence in the Line: Re-Reading Turkish Islamic Calligraphy for Interactive Media Design**
Unluer A. A. , Ozcan O.
LEONARDO, vol.43, pp.450-456, 2010 (Journal Indexed in AHCI)
- V. **Prayer Bead Gestures and Television: A Case Study on Cultural Inspirations for Interaction Art Education**
Özcan O., Akdemir E., O'neil M. L. , Ünlüer Çimen A. A.
Leonardo, vol.42, no.5, pp.429-432, 2009 (Journal Indexed in SCI Expanded)
- VI. **A case study on better iconographic design in electronic medical records' user interface**
Tasa U. B. , Özcan O., Yantaç A. E. , Ünlüer A. A.
INFORMATICS FOR HEALTH & SOCIAL CARE, vol.33, no.2, pp.125-138, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Identity and Representation Problems of Pixel Art**
Ünlüer Çimen A. A.
Inonu University Journal of Art and Design, vol.7, no.15, pp.211-223, 2017 (International Refereed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **WristOrigami: Exploring foldable design for multi-display smartwatch**
Zhu K., Fjeld M., Ünlüer A. A.
2018 Designing Interactive Systems Conference, DIS 2018, Hong Kong, hkg, 9 - 13 June 2018, pp.1207-1218
- II. **Redefining the fundamentals of photography with cooperative photography**
Wen J., Ünlüer A. A.
14th International Conference on Mobile and Ubiquitous Multimedia, MUM 2015, Linz, Austria, 30 November - 02 December 2015, pp.37-47
- III. **Gesture Bike: Examining Projection Surfaces and Turn Signal Systems for Urban Cycling**
Vechev V., Ünlüer Çimen A. A. , Nilson S., Nygren O., Eliasson S., Barjonet J., Marshall J., Fjeld M.
ITS 2015 INTERACTIVE TABLETOPS AND SURFACES, Amadora, Portugal, 15 - 18 November 2015, pp.151-159
- IV. **A drone agent to support a clean environment**
Obaid M., Mubin O., Basedow C. A. , Ünlüer A. A. , Bergström M. J. , Fjeld M.
3rd International Conference on Human-Agent Interaction, HAI 2015, Daegu, South Korea, 21 - 24 October 2015, pp.55-61
- V. **Medium and transition in mobile projected interfaces**
Vechev V., Ünlüer A. A. , Dancu A.
17th International Conference on Human-Computer Interaction with Mobile Devices and Services, MobileHCI 2015, Copenhagen, Denmark, 24 - 27 August 2015, pp.1134-1137
- VI. **Fun, cool. and awkward: Preliminary reactions to cooperative photography**
Wen J., Ünlüer A. A.
17th International Conference on Human-Computer Interaction with Mobile Devices and Services, MobileHCI 2015, Copenhagen, Denmark, 24 - 27 August 2015, pp.831-837
- VII. **Interaction in motion with mobile projectors: Design considerations**
Dancu A., Franjic Z., Ünlüer A. A. , Fjeld M.
4th ACM International Symposium on Pervasive Displays, PerDis 2015, Saarbrücken, Germany, 10 - 12 June 2015, pp.61-68
- VIII. **Emergent interfaces: Constructive assembly of identical units**
Dancu A., Hedler C., Nielsen S. A. , Frank H., Kening Z., Pelling A., Ünlüer A. A. , Carlsson C., Witt M., Fjeld M.

33rd Annual CHI Conference on Human Factors in Computing Systems, CHI EA 2015, Seoul, South Korea, 18 - 23 April 2015, vol.18, pp.451-460

- IX. **ChromaGlove: A wearable haptic feedback device for colour recognition**
Woźniak P., Knaving K., Obaid M., Carcedo M. G. , Ünlüer A., Fjeld M.
6th Augmented Human International Conference, AH 2015, Singapore, Singapore, 9 - 11 March 2015, vol.11, pp.219-220
- X. **Learning Natural User Interface Design through Creative Drama Techniques New Approaches to Design Education**
ÜNLÜER ÇİMEN A. A. , ÖZCAN O.
Design Thinking Research Symposium, Newcastle-Upon-Tyne, United Kingdom, 18 - 20 April 2012
- XI. **Re-reading String for Designing Interfaces in Animated Movies**
ÜNLÜER ÇİMEN A. A.
SIDE R\12 (Scandinavian Student Interaction Design Research Conference), 01 March 2012
- XII. **EMBEDDED SOUND: A PROJECT ON TURKISH TRADITIONAL CALLIGRAPHY AND ITS MULTI-TOUCH TRANSFORMATION**
ÜNLÜER ÇİMEN A. A.
ISEA 2011 ISTANBUL THE 17TH INTERNATIONAL SYMPOSIUM ON ELECTRONIC ART, 01 September 2011
- XIII. **USE OF CREATIVE DRAMA TECHNIQUES IN COMMUNICATION DESIGN EDUCATION**
ÜNLÜER ÇİMEN A. A.
INTERNATIONAL SYMPOSIUM OF DRAMA IN EDUCATION, 01 April 2011
- XIV. **A Challenging Design Case Study for Interactive Media Design Education: Interactive Media for Individuals with Autism**
Esin Orhun S., ÜNLÜER ÇİMEN A. A.
HCI International 2014 Conference
- XV. **Re-Reading String for Educating Interactive Media Design Students in the Perspective of Designing Futuristic Interfaces**
ÜNLÜER ÇİMEN A. A. , Özcan O.
International conference on illustration and animation
- XVI. **Rethinking Spherical Media Surfaces by Re-reading Ancient Greek Vases**
ÜNLÜER ÇİMEN A. A. , Baytaş M. A. , Serim B.
2012 ACM Interactive Tabletops & Surfaces conference

Supported Projects

Ünlüer Çimen A. A. , CEMELELİOĞLU ALTIN N., TUBITAK Project, A Design Guideline on Online Education for Studio Classes of Art, Design and Architecture Department in Universities Under Pandemic Conditions, 2020 - 2020
ÜNLÜER ÇİMEN A. A. , TUBITAK Project, A RESEARCH PROJECT ON OBTAINING AUDIO OUTPUT WITH VISUAL INTERACTION THROUGH A METHOD DERIVED FROM RE-READING TURKISH CALLIGRAPHIC ART, 2014 - 2015

Design

Ünlüer Çimen A. A. , SADBARK HANIM MÜZESİ KURUMSAL WEB SİTESİ, Graphic Design / Web Design, June 2017

Edit Congress and Symposium Activities

Amber 2013, Invited Speaker, İstanbul, Turkey, 2013

Design Thinking Research Symposium, Attendee, Newcastle Upon Tyne, United Kingdom, 2012

The 17th International Symposium on Electronic Art, Attendee, Turkey, 2011

INTERNATIONAL SYMPOSIUM OF DRAMA IN EDUCATION, ISTANBUL UNIVERSITY / HASAN ALI YUCEL FACULTY OF EDUCATION, Attendee, İstanbul, Turkey, 2011

Citations

Total Citations (WOS):14

h-index (WOS):2

Invited Talks

Art Education in Pandemic, Seminar, Kütahya Dumlupınar Üniversitesi, Turkey, November 2020

Scholarships

2219 DOKTORA SONRASI ARAŞTIRMA BURSUSU, TUBITAK, 2014 - Continues

Awards

Ünlüer Çimen A. A. , İMA Olağanüstü Başarı Ödülü, Interactive Media Awards, August 2018

ÜNLÜER ÇİMEN A. A. , Best Paper Award, Design Thinking Research Symposium, April 2012

Artistic Activity

Ünlüer Çimen A. A. , NKÜ Uluslararası Posta Sanatı Bienali, Group Exhibition, April 2019

Ünlüer Çimen A. A. , Y.T.Ü. Art and Design Faculty 20. anniversary exhibition illustration, Group Exhibition, June 2018

Ünlüer Çimen A. A. , 20. İstanbul Sanat Fuarı Görünmeyen İstanbul, Group Exhibition, October 2010

Ünlüer Çimen A. A. , Y.T.Ü. Art and Design Faculty 10. anniversary exhibition illustration. April, 2007., Group Exhibition, June 2007