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International Researcher IDs

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Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Graduate School of Natural and Applied Sciences, Turkey 2012 - 2017

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Graduate School of Natural and Applied Sciences, Turkey 2010 - 2012

Undergraduate, Middle East Technical University, Faculty of Architecture, Department of Industrial Design, Turkey 2005 - 2010

Dissertations

Doctorate, Exploring Open, Sustainable Design: A Case on Kitchen Practices Shaped around Small Kitchen Appliances, Middle East Technical University, Graduate School of Natural and Applied Sciences, 2017

Postgraduate, Biomimicry for sustainability: An educational project in sustainable product design, Middle East Technical University, Graduate School of Natural and Applied Sciences, 2012

Research Areas

Industrial Design

Academic Titles / Tasks

Assistant Professor, Middle East Technical University, Faculty of Architecture, Department of Industrial Design, 2020 - Continues

Research Assistant PhD, Koc University, Faculty Of Humanities And Letters, Media and Visual Arts, 2020 - 2020

Research Assistant PhD, University of Limerick, Faculty of Engineering, School of Design, 2017 - 2019

Research Assistant, Middle East Technical University, Faculty of Architecture, Department of Industrial Design, 2010 - 2017

Courses

Design Management, Undergraduate, 2020 - 2021

Advanced Project Development in Industrial Design, Postgraduate, 2020 - 2021

Advising Theses

Bakırhoğlu Y., McMahon M., TBD - on 'Sustainability Transitions', Doctorate, D.Upton(Student), Continues

Bakırhoğlu Y., Understanding collaborative action in emergent work ecosystems: Makerspaces, Postgraduate, Ö.KEKLİK(Student), 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Make it a circular city: Experiences and challenges from European cities striving for sustainability through promoting circular making**
Coskun A., Metta J., BAKIRLIOĞLU Y., Çay D., Bachus K.
Resources, Conservation and Recycling, vol.185, 2022 (SCI-Expanded)
- II. **Evaluation of the usefulness of path of long-term user experience model in design process**
Karahanoglu A., Bakirlioglu Y.
BEHAVIOUR & INFORMATION TECHNOLOGY, vol.41, no.4, pp.777-795, 2022 (SCI-Expanded)
- III. **Co-learning for sustainable design: The case of a circular design collaborative project in Ireland**
Bakırhoğlu Y., McMahon M.
Journal of Cleaner Production, vol.279, 2021 (SCI-Expanded)
- IV. **Selection and framing of briefs for educational circular design projects**
BAKIRLIOĞLU Y., Terzioğlu N., Celik S., Ulan A., Segalas J.
International Journal of Sustainability in Higher Education, vol.22, no.5, pp.1125-1144, 2021 (SSCI)
- V. **Exploring Product/Part Longevity in Open Design of Small Kitchen Appliances**
Bakirlioglu Y., Doğan Ç.
DESIGN JOURNAL, vol.23, no.6, pp.885-905, 2020 (AHCI)
- VI. **Framing Open Design through Theoretical Concepts and Practical Applications: A Systematic Literature Review**
Bakirlioglu Y., Kohtala C.
HUMAN-COMPUTER INTERACTION, vol.34, pp.389-432, 2019 (SCI-Expanded)
- VII. **Evolving Paths: Undergraduate Design Education through Graduate and Generative Research with a Particular Focus on Sustainability**
DOĞAN Ç., TURHAN S., Bakırhoğlu Y.
DESIGN JOURNAL, vol.19, no.4, pp.585-604, 2016 (AHCI)

Articles Published in Other Journals

- I. **Dreaming of immersive interactions to navigate forced distributed collaboration during Covid-19**
Bakırhoğlu Y., Ramírez G. M., Coşkun A.
Interactions, vol.27, no.5, pp.20-21, 2020 (Scopus)
- II. **Design for Sustainability Approaches Enabling Maintenance, Repair and Upgrading and Empowering User Engagement**
Doğan Ç., Bakırhoğlu Y.
Tasarım + Kuram, vol.16, no.30, pp.96-108, 2020 (Peer-Reviewed Journal)
- III. **An Initial Model for Generative Design Research: Bringing Together Generative Focus Group (GFG) and Experience Reflection Modelling (ERM).**
Bakırhoğlu Y., Oğur D., Doğan Ç., Turhan S.

Books & Book Chapters

- I. **Görüşme ve Yaratıcı Odak Grubu (YOG) Çalışması Sonuçları ve Çıkarımları**
Oğur D., Turhan S., Bakırhoğlu Y., Doğan Ç.
in: Elektrikli Ev Aletleri için Sürdürülebilir Tasarım Ölçütleri: Bakım, Onarım ve Kaynakların Verimli Kullanımı, Çağla Doğan, Editor, ODTÜ Mimarlık Fakültesi, Ankara, pp.61-104, 2019
- II. **Elektrikli Ev Aletleri için Sürdürülebilir Tasarım Ölçütleri**
Bakırhoğlu Y., Doğan Ç., Oğur D.
in: Elektrikli Ev Aletleri için Sürdürülebilir Tasarım Ölçütleri: Bakım, Onarım ve Kaynakların Verimli Kullanımı, Çağla Doğan, Editor, ODTÜ Mimarlık Fakültesi, Ankara, pp.105-142, 2019
- III. **Görüşmeler ve Katılımcı Tasarım Yöntemleri**
Turhan S., Bakırhoğlu Y., Doğan Ç., Oğur D.
in: Elektrikli Ev Aletleri için Sürdürülebilir Tasarım Ölçütleri: Bakım, Onarım ve Kaynakların Verimli Kullanımı, Çağla Doğan, Editor, ODTÜ Mimarlık Fakültesi , Ankara, pp.13-60, 2019
- IV. **Sürdürülebilir Tasarım Yaklaşımları**
Doğan Ç., Bakırhoğlu Y., Turhan S.
in: Elektrikli Ev Aletleri için Sürdürülebilir Tasarım Ölçütleri: Bakım, Onarım ve Kaynakların Verimli Kullanımı, Çağla Doğan, Editor, ODTÜ Mimarlık Fakültesi, Ankara, pp.5-12, 2019
- V. **Sürdürülebilir Tasarım Yaklaşımları**
DOĞAN Ç., BAKIRLIOĞLU Y., TURHAN S.
in: Elektrikli Ev Aletleri İçin Sürdürülebilir Tasarım Ölçütleri: Bakım, Onarım ve Kaynakların Verimli Kullanımı, Doğan Çağla, Editor, ODTUmf, Ankara, pp.5-12, 2019
- VI. **Elektrikli Ev Aletleri için Sürdürülebilir Tasarım Ölçütleri**
Bakırhoğlu Y., DOĞAN Ç., OĞUR D.
in: Elektrikli Ev Aletleri için Sürdürülebilir Tasarım Ölçütleri: Bakım, Onarım ve Kaynakların Verimli Kullanımı, Doğan, Çağla, Editor, ODTÜ Mimarlık Fakültesi Yayınları, Ankara, pp.105-142, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **Reconceptualising stakeholders for the management of distributed value creation networks through open design-led businesses**
Bakırhoğlu Y., Hasdoğan G. F.
dmi: ADMC 2022, Design as a Strategic Asset, The 23rd dmi: Academic Design Management Conference Proceedings, Toronto, Canada, 03 August 2022, pp.831-838
- II. **Connecting the dots: understanding professional development needs of Istanbul's makers for circular economy**
Bakırlioğlu Y., Ramirez Galleguillos M. L., Bensason I., Yantaç A. E., Coşkun A.
EESD2021: Proceedings of the 10th Engineering Education for Sustainable Development Conference, 'Building Flourishing Communities', University College Cork, Ireland, 14-16 June., Cork, Ireland, 14 - 16 June 2021, pp.1-8
- III. **Enabling local circular economy practices through maker symbiosis: the case of Istanbul**
Bakırlioğlu Y., Ramirez Galleguillos M. L., Coşkun A., Yantaç A. E., Çay D., Bensason I.
4th PLATE Virtual Conference; Limerick, Ireland , Limerick, Ireland, 26 - 28 May 2021, pp.1-8
- IV. **Learning resources for sustainable design in engineering education**
Segalas Coral J., De Eyto A., McMahon M., BAKIRLIOĞLU Y., Joore P., Jimenez A., Tejedor Papell G., Lazzarini B., Crul M., Çelik S., et al.
SEFI 2020: 48th Annual Conference «Engaging engineering education», Enschede, Netherlands, 20 - 24 September 2020, pp.1120-1127

- V. **Developing a Database of Circular Design Online Educational Resources.**
BAKIRLIOĞLU Y., McMahon M.
ERSCP 2019 Barcelona: Circular Europe for Sustainability Conference, Barcelona, Spain, 15 - 18 October 2019
- VI. **Picking and Choosing Selection and Framing of Briefs for Circular Design Students Projects.**
Özkan N., BAKIRLIOĞLU Y., Çelik S., Segalas J., Aya U.
ERSCP 2019 Barcelona: Circular Europe for Sustainability Conference, Barcelona, Spain, 15 - 18 October 2019
- VII. **Quantifying Design for User Experience Assignments: Using Rubrics as Assessment Tools.**
KARAHANIOĞLU A., Oude Alink C., BAKIRLIOĞLU Y.
. DRS Learn X Design 2019: Insider Knowledge Conference, Ankara, Turkey, 9 - 12 July 2019
- VIII. **Asking the industry partners: Reflecting on the value of internships for Circular Design**
McMahon M., BAKIRLIOĞLU Y.
DRS Learn X Design 2019: Insider Knowledge Conference, 9 - 12 July 2019
- IX. **Training the Next Generation of Designers for a Sustainable Future: Action Research on the Circular Design Internship.**
BAKIRLIOĞLU Y., McMahon M., De Eyto A.
Design Research Society 2018: Catalyst Conference, Limerick, Ireland, 25 - 28 June 2018
- X. **Heterotopia and Participatory Design: The Case of Occupying On-Campus Starbucks**
Yetiş E. Ö., BAKIRLIOĞLU Y.
4T 2015: Design in Times of Turmoil: Displacement, Replacement, Emplacement Conference, İzmir, Turkey, 14 - 15 May 2015
- XI. **Design for the Next: Integration of Path to Sustained Usage Model into Design Process**
KARAHANIOĞLU A., BAKIRLIOĞLU Y.
DesForm2017, 24 - 25 October 2017
- XII. **Açık Tasarım için Tasarım yoluyla Araştırma: Mufak Pratikleri üzerine Bir Çalıştay**
BAKIRLIOĞLU Y.
UTAK 2016 Bildiri Kitabı: Sorumluluk, Bağlam, Deneyim ve Tasarım, Ankara, Turkey, 21 - 23 September 2016
- XIII. **Towards Sustainable Use and Post-Use: Design Considerations for Small Household Appliances.**
Oğur D., Bakırlioğlu Y., Doğan Ç., Turhan S.
Sustainable Innovation 15, State of the Art, Sustainable Innovation and Design, Towards Sustainable Product Design: 20th International Conference, Sutton-Coldfield, United Kingdom, 9 - 10 November 2015, pp.172-185
- XIV. **An Initial Model for Generative Design Research: Bringing Together Generative Focus Group (GFG) and Experience Reflection Modelling (ERM)**
Bakırlioğlu Y., Oğur D., Doğan Ç., Turhan S.
LearnX Design – The Third International Conference for Design Education Researchers, Massachusetts, United States Of America, 28 - 30 June 2015, pp.1236-1251
- XV. **Time-Based Visual Narratives for Design Education.**
ÖZGEN KOÇYILDIRIM D., COŞKUN A., BAKIRLIOĞLU Y.
LearnxDesign: The 3rd International Conference for Design Education Researchers and PreK-16 Design Educators, Chicago, United States Of America, 28 - 30 June 2015, pp.1569-1584
- XVI. **Gaining People's Insights and Experiences: Developing Sustainable Design Considerations for Small Household Appliances.**
Oğur D., Bakırlioğlu Y., Doğan Ç., Turhan S.
Unmaking Waste 2015 – Transforming Production and Consumption in Time and Place International Conference, Adelaide, Australia, 22 - 24 May 2015
- XVII. **Path to Sustained Usage: A Model for Long-Term Experience in Technological Products.**
Boğazpınar H., BAKIRLIOĞLU Y., KARAHANIOĞLU A., ERBUĞ Ç.
9th Design and Emotion 2014 Proceedings: The Colors of Care, Bogota, Colombia, 6 - 10 October 2014
- XVIII. **Endüstri Ürünleri Tasarımı Eğitiminde Zaman Temelli Görsel Anlatımın Algısal Etkileri**
ÖZGEN KOÇYILDIRIM D., COŞKUN A., BAKIRLIOĞLU Y.
UTAK 2014 Bildiri Kitabı: Eğitim, Araştırma, Meslek ve Sosyal Sorumluluk, Ankara, Turkey, 10 - 12 September 2014, pp.301-312

- XIX. **Elektrikli Ev Aletleri Sektöründe Sürdürülebilirlik İçin Tasarım Kaynakların Verimli Kullanımı ve Ürün Bakımı ve Onarımı Konularında Tasarımcı ve Üretici Yaklaşımlarının ve Farkındalığının Anlaşılması**
Bakırhoğlu Y., TURHAN S., DOĞAN Ç.
UTAK 2014 Bildiri Kitabı: Eğitim, Araştırma, Meslek ve Sosyal Sorumluluk, Ankara, Turkey, 10 - 12 September 2014, pp.133-146
- XX. **Evolving Sustainable Product Design Considerations for Electrical Household Products**
BAKIRLIOĞLU Y., DOĞAN Ç., TURHAN S.
Sustainable Innovation 2013, 4 - 05 November 2013
- XXI. **Biomimicry Sketch Analysis A Generative Tool for Sustainability in Product Design Education**
Bakırhoğlu Y., Doğan Ç.
Sustainable Innovation 2012, Resource Efficiency, Innovation and Lifestyles, Towards Sustainable Product Design: 17th International Conference, Bonn, Germany, 29 - 30 October 2012, pp.6-15

Supported Projects

Bakırhoğlu Y., Coşkun A., Yantaç A. E., Bensason I., Bachus K., H2020 Project, Pop-Machina: Collaborative production for the circular economy a community approach H2020 RI Project, 2019 - 2023
Bakırhoğlu Y., McMahon M., Segalas J., Erasmus Project, Learning for Innovative Design for Sustainable (L4IDS) Erasmus+ Knowledge Alliance Project, 2016 - 2019
Karahanoglu A., TUBITAK Project, Teknolojik Ürün Kullanım Evreleri Kalıcı Süregelen Ürün Deneyimi Modelinin Tasarım Sürecindeki Etkisinin Anlaşılması, 2016 - 2017

Scientific Refereeing

JOURNAL OF CLEANER PRODUCTION, Journal Indexed in SCI-E, November 2020
JOURNAL OF CLEANER PRODUCTION, Journal Indexed in SCI-E, July 2020
Journal Of Cleaner Production, Journal Indexed in SCI-E, October 2019
Journal Of Cleaner Production, Journal Indexed in SCI-E, September 2019

Tasks In Event Organizations

Bakırhoğlu Y., Kozikoğlu N., Döngüyü Tasarla 2021 Tamiri Tasarla, Art Activities, Turkey, Haziran 2021
Özgen Koçyıldırım D., Bakırhoğlu Y., Coşkun A., Encounters of a narrative kind: Mult-linear storytelling in design scenarios, Workshop Organization, Ankara, Turkey, Temmuz 2019
Bakırhoğlu Y., McMahon M., Leahy K., Design Research Society 2018 Catalyst, Scientific Congress, Limerick, Ireland, Haziran 2018
Özgen Koçyıldırım D., Bakırhoğlu Y., Coşkun A., Exploring alternatives to food waste with never-ending stories for circular economy, Workshop Organization, Limerick, Ireland, Haziran 2018
Özgen Koçyıldırım D., Bakırhoğlu Y., Coşkun A., Storytelling as a method for problem framing in design, Workshop Organization, Brighton, United Kingdom, Haziran 2016

Metrics

Publication: 38
Citation (WoS): 24
Citation (Scopus): 30
H-Index (WoS): 3

H-Index (Scopus): 3

Congress and Symposium Activities

UTAK Ulusal Tasarım Arařtırmaları Konferansı: Tasarım ve Öngörü, Session Moderator, Ankara, Turkey, 2020

UTAK Ulusal Tasarım Arařtırmaları Konferansı: Tasarım ve Öngörü, Session Moderator, Ankara, Turkey, 2020

Awards

Bakırhoğlu Y., Doğan Ç., Best Paper Award, Center For Sustainable Design, Sustainable Innovation Conference 2012, September 2012

Bakırhoğlu Y., 2. Türkiye Ev Tekstili Tasarımı Yarışması, Uludağ Tekstil İhracatçıları Birliği(Utib), Türkiye İhracatçılar Meclisi(Tim), T.C. Ticaret Bakanlığı, January 2012