

Prof. Leman Figen Gül

Personal Information

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Education Information

2003 - 2007	Doctorate, University Of Sydney, Architecture, Architecture, Australia
2001 - 2003	Post Graduate, University Of Sydney, Design Computing, Architecture, Australia
1993 - 1996	Post Graduate, Mimar Sinan Güzel Sanatlar Üniversitesi, Fen Bilimleri Enstitüsü, Kentsel Koruma Ve Yenileme (Y) (Tezli), Turkey
1988 - 1993	Under Graduate, Mimar Sinan Güzel Sanatlar Üniversitesi, Mimarlık Fakültesi, Mimarlık Bölümü, Turkey

Foreign Languages

English

Dissertations

2007	Understanding Collaborative Design in Different Environments: Comparing Face-to-Face Sketching to Remote Sketching and 3D Virtual Worlds, University Of Sydney, Doctorate
1996	Turizm gelişme bölgelerinde, turizmin korumaya sosyo-ekonomik etkileri, Mimar Sinan Güzel Sanatlar Üniversitesi, Fen Bilimleri Enstitüsü, Kentsel Koruma Ve Yenileme (Y) (Tezli), Post Graduate

Research Areas

Computer Sciences, Architecture, Building Information, Architectural Design, Engineering and Technology

Academic Titles / Tasks

2017 - Continues	Professor, Istanbul Technical University, Mimarlık, Mimarlık
2014 - 2017	Associate Professor, Istanbul Technical University, Mimarlık, Mimarlık
2011 - 2014	Associate Professor, Tobb Ekonomi Ve Teknoloji Üniversitesi, Güzel Sanatlar, Tasarım Ve Mimarlık Fakültesi, Mimarlık Bölümü
2009 - 2011	Associate Professor, Uluslararası Saraybosna Üniversitesi, Architecture
2007 - 2009	Research Assistant, University Of Newcastle, Built Environment And Engineering, Architecture
2005 - 2006	Research Assistant, University Of Sydney, Architecture, Design And Planing, Kcdcc

Professional Experience

2020 - Continues	Head of Department, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü
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2019 - Continues	Erasmus Coordinator, İstanbul Teknik Üniversitesi, Mimarlık, Mimarlık
2019 - Continues	Manager of Research and Application Center, İstanbul Teknik Üniversitesi, Mimarlık, Mimarlık
2017 - Continues	Fakülte Akademik Kurul Üyesi, İstanbul Teknik Üniversitesi, Oyun Ve Etkileşim Teknolojileri
2015 - Continues	Fakülte Akademik Kurul Üyesi, İstanbul Teknik Üniversitesi, Mimarlıkta Bilişim (Y) (Tezli)
2014 - 2014	Assistant Director of the Institute, Tobb Ekonomi Ve Teknoloji Üniversitesi, Fen Bilimleri Enstitüsü, Mimarlık (Y) (Tezli)

Courses

2018 - 2019	Architectural Design Studio 6, Under Graduate
2018 - 2019	Introduction to Computational Design Tools and Methods in Architecture, Under Graduate
2017 - 2018	Essentials of 3D Modelling for Game Design, Post Graduate
2017 - 2018	Temel Eğitim Stüdyosu II, Under Graduate
2017 - 2018	Intro.to Computational Design Tools and Methods, Under Graduate
2017 - 2018	Architectural Design V, Under Graduate
2016 - 2017	Mimari Proje 5, Under Graduate
2016 - 2017	Architectural Design VI, Under Graduate
2016 - 2017	Digital Graphics & Representation, Under Graduate
2017 - 2018	Architectural Design IV, Under Graduate
2017 - 2018	Digital Culture in Creative Industries, Post Graduate
2016 - 2017	Digital Graphics and Representation of Design Intent, Under Graduate
2016 - 2017	Digital Culture in Creative Industries, Post Graduate
2016 - 2017	Architectural Design Studio 6, Under Graduate
2015 - 2016	Digital Architectural Design Studio, Post Graduate

Advising Theses

2019	Gül L. F. , Post Graduate, B.TOPALOĞLU(Student), Developing computational dialogue interface on freeform paneling for cost efficiency
2019	Gül L. F. , Post Graduate, M.KARSLI(Student), Yapay zekânın tasarımcıyla işbirliği ve tasarıma olan etkisi
2019	Gül L. F. , Post Graduate, A.YILMAZ(Student), Phenomenology of architecture: A study on architectural experience and design
2019	Gül L. F. , Post Graduate, B.ÜRKMEZ(Student), Use of smart materials in the design of dynamic intelligent surfaces
2018	Gül L. F. , Post Graduate, B.Moraloğlu(Student), Design and Development of a Spatial Interface Toolkit Using Mixed Reality Technologies for Autistic People with Sensory Processing Disorder
2018	Gül L. F. , Post Graduate, G.ÖZEROL(Student), Geleneksel Samsun evi örneğinde gerçeğin katmanlaşmasının kolektif belleğe etkisi
2018	Gül L. F. , Post Graduate, A.ŞEN(Student), Çok kullanıcı oyunlarda kullanılan mekanların eğlence, sarmalanma ve bulunma unsurları üzerindeki etkisi
2018	Gül L. F. , Post Graduate, E.DEMİREL(Student), Bambu malzeme davranışına bir model olarak kabuk strüktür tasarım ve şekil optimizasyonu
2018	Gül L. F. , Post Graduate, H.SÜMEYYE(Student), Mimarlığın dijital habitusu: Erken tasarım sürecinde internet kullanımı
2017	Gül L. F. , Post Graduate, S.Müge(Student), MOBİL ARTIRILMIŞ GERÇEKLİK İLE İŞBİRLİKLİ TASARIM ÜZERİNE BİR ÇALIŞMA

Jury Memberships

March 2019	Associate Professor Exam, Associate Professor Exam, İstanbul Teknik Üniversitesi
December 2017	Post Graduate, Tez Savunma, İTÜ Fen Bilimleri
April 2017	Associate Professor Exam, Doçentlik Sınavı, Üniversiteler arası kurul

Designed Lessons

2017 - 2018	Gül L. F. , Özkar Kabakçioğlu M., Yağmur Kilimci E. S. , Intro.to Computational Design Tools and Methods, Under Graduate
2011 - 2012	Gül L. F. , Çağlar T. N. , Mimari Tasarım, Sunum ve Araştırma Yöntem ve Teknikleri, Under Graduate

Designed Programs

2009 - Continues	Gül L. F. , License, Uluslararası Saraybosna Üniversitesi, Mimarlık Programı
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Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Studying gesture-based interaction on a mobile augmented reality application for co-design activity**
Gül L. F.
JOURNAL ON MULTIMODAL USER INTERFACES, vol.12, pp.109-124, 2018 (Journal Indexed in SCI)
- II. **Methods for Assessing 3D Virtual Worlds in Design Education**
Gül L. F. , Gu N., Kim M. J. , Wang X.
CASES ON THE ASSESSMENT OF SCENARIO AND GAME-BASED VIRTUAL WORLDS IN HIGHER EDUCATION, pp.152-169, 2014 (Journal Indexed in SCI)
- III. **3D VIRTUAL WORLDS IN COLLABORATIVE DESIGN TEACHING**
Gül L. F.
METU JOURNAL OF THE FACULTY OF ARCHITECTURE, vol.28, no.2, pp.255-267, 2011 (Journal Indexed in AHCI)
- IV. **Evaluating design behaviour when using emerging collaboration technologies**
Gül L. F.
Architectural Engineering and Design Management, vol.5, no.3, pp.107-123, 2009 (Journal Indexed in SCI Expanded)
- V. **Co-creating external design representations: Comparing face-to-face sketching to designing in virtual environments**
Gül L. F. , Maher M. L.
CODESIGN-INTERNATIONAL JOURNAL OF COCREATION IN DESIGN AND THE ARTS, vol.5, pp.117-138, 2009 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **The Impact of Digital Technologies On Collaborative Design**
Gül L. F.
MEGARON, vol.15, no.1, pp.84-98, 2020 (Journal Indexed in ESCI)
- II. **Preface**
Çağdaş G., Özkar M., Gül L. F. , Gürer E.
Communications in Computer and Information Science, vol.724, 2017 (Refereed Journals of Other Institutions)
- III. **The Changing Trends in Education**
GÜL L. F.

Frontiers in ICT, vol.2, 2015 (Refereed Journals of Other Institutions)

- IV. **The Impact Of Digital Design Representations On Synchronous Collaborative Behaviour**
GÜL L. F.
Journal of Information Technology in Construction, vol.19, pp.47-71, 2014 (Refereed Journals of Other Institutions)
- V. **EVALUATION OF THE MODELS OF COMMUNICATION: A STUDY OF COLLABORATIVE DESIGN IN VIRTUAL ENVIRONMENTS**
Gül L. F. , Wang X., Çağdaş G.
JOURNAL OF INFORMATION TECHNOLOGY IN CONSTRUCTION, vol.17, pp.465-484, 2012 (Journal Indexed in ESCI)
- VI. **Second Life - a Context for Design Learning**
Gu N., Gul L. F. , Williams A., Nakapan W.
HIGHER EDUCATION IN VIRTUAL WORLDS: TEACHING AND LEARNING IN SECOND LIFE, pp.159-180, 2009 (Refereed Journals of Other Institutions)
- VII. **Affordances of Designing within the Design Do Design Media Change the Collaborative Design Behaviour and Interaction with the Artefact**
GÜL L. F.
Journal of AIDIA, vol.8, no.3811, pp.7-16, 2008 (Refereed Journals of Other Institutions)
- VIII. **Virtual Worlds as a Constructivist Learning Platform Evaluations of 3D Virtual Worlds on Design Teaching and Learning**
GÜL L. F. , Gu N., Williams T.
Journal of Information Technology in Construction, vol.13, no.1, pp.578-593, 2008 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Sentient Space: Immersing in Alternate Realities**
GÜL L. F. , ÖZKAR KABAKÇIOĞLU M., YAĞMUR KİLİMCİ E. S.
in: Materiart Student Workshops: The Figure, Abbas, GM. Acar, S. Bancı, S. Çağlar, N. Ruhi-Sipahioğlu, I. Yılmaz, B., Editor, Caleidoscopio., Lisbon, pp.80-101, 2020
- II. **Sentient Space 2: Immersed in the Soundscape of a City**
GÜL L. F. , ÖZKAR KABAKÇIOĞLU M., YAĞMUR KİLİMCİ E. S.
in: Materiart Student Workshops: The Deck, Abbas, GM. Acar, S. Bancı, S. Çağlar, N. Ruhi-Sipahioğlu, I. Yılmaz, B., Editor, Caleidoscopio, Lisbon, pp.61-76, 2020
- III. **Digital Architecture Studios as Constructivist Activity in Design Teaching: Exploring New Ways of Model Making**
GÜL L. F.
in: Architectural Models as Learning Tools, Juliette D. Bekkering, Irene Curulli, Sjeff van Hoof, Editor, Caleidoscopio, Lisbon, pp.23-32, 2020
- IV. **Introducing the Computation in Architectural Design: An Example of a First Year Course with Parametric and Visual Programming Tools**
GÜL L. F. , ÖZKAR KABAKÇIOĞLU M., YAĞMUR KİLİMCİ E. S. , ÇEKMİŞ A.
in: MATERIALITY as a process, Manuel Couceiro da Costa, Bárbara Formiga, Günsu Merin Abbas, Editor, CALEIDOSCÓPIO, Lizbon, pp.303-312, 2019
- V. **Introducing the Computation in Architectural Design: An Example of a First Year Course with Parametric and Visual Programming Tools**
GÜL L. F. , ÖZKAR KABAKÇIOĞLU M., YAĞMUR KİLİMCİ E. S. , KANAN A.
in: Gül, LF, Özkar, M, Yağmur Kilimci, EF, Kanan, A, (2019) ,(eds.) Materiality as a Process, Couceiro da Costa, M, Formiga,B. Abbas, GM., Editor, Caleidoscópico – Edição E Artes Gráficas, SA, Lizbon, pp.303-312, 2019
- VI. **(eds) Communications in Computer and Information Science, Volume 724**
Çağdaş G., Özkar Kabakçioğlu M., Gül L. F. , Gürer E.

Springer, London/Berlin , Singapore, 2017

- VII. **Future Trajectories of Computation in Design – Proceedings of the 17th International Conference on Computer Aided Architectural Design Futures**
Çağdaş G., Özkar Kabakçioğlu M., Gül L. F. , Gürer E.
Cenkler Matbaa, İstanbul, 2017
- VIII. **Computer-Aided Architectural Design: Future Trajectories; Communications in Computer and Information Science, Volume 724**
Çağdaş G., Özkar Kabakçioğlu M., Gül L. F. , Gürer E.
Springer, London/Berlin , Singapore, 2017
- IX. **Computer-Aided Architectural Design. Future Trajectories**
Çağdaş G., Özkar M., Gül L. F. , Gürer E.
Springer, London/Berlin , Berlin, 2017
- X. **How Place and Representation Would Change the Co-design Behavior?**
Gül L. F.
in: Communications in Computer and Information Science, Çağdaş G.,Özkar Kabakçioğlu M.,Gül L.F.,Gürer E, Editor,
Springer, London/Berlin , London, pp.212-230, 2017
- XI. **Studying co-design: How Place and Representation Would Change the Co-design Behavior?**
GÜL L. F. , Uzun C., Halıcı S. M.
in: Communications in Computer and Information Science, Çağdaş G., Özkar Kabakçioğlu M., Gül L.F, Gürer E.,
Editor, Springer, London, pp.212-230, 2017
- XII. **Studying Co-design - How Place and Representation Would Change the Codesign Behavior?**
Gül L. F. , Uzun C., Halıcı S. M.
in: Computer-Aided Architectural Design. Future Trajectories, Gülen Çağdaş,Mine Özkar,Leman Figen Gül,Ethem
Gürer, Editor, Springer, Singapore, pp.212-230, 2017
- XIII. **Notes and Presentations on the Workshop Experiences**
Gül L. F.
Ses Publishing House, Ankara, 2014
- XIV. **Methods for assessing 3D virtual worlds in design education**
Gül L. F. , GU N., Kim M., Wang X.
in: Social Media and Networking: Concepts, Methodologies, Tools, and Applications, I. Management Association ,
Editor, Iğı Global Publications, Hershey, pp.152-174, 2014
- XV. **Framework of Collaborative Virtual Environments for Design Research**
Gül L. F. , Wang X., Kim M.
in: Virtual Environments: Developments, Applications and Challenges, Stephanie Trautman and Franchesca Julien,
Editor, Nova Science Publishers., Newyork, pp.110-120, 2013
- XVI. **Constructivist Learning Theory in Virtual Design Studios**
Gül L. F. , Williams A., Gu N.
in: Computational Design Methods and Technologies: Applications in CAD, CAM and CAE Education, Gu,N and
Wang,X, Editor, Iğı Global Publications, Singapore, pp.139-162, 2012
- XVII. **The Introduction of a Problem Based Learning Approach to the Implementation of a Virtual Reality Context**
WILLIAMS A., GU N., Gül L. F.
in: Teaching and Learning in 3D Immersive Worlds, Cheney, A and Sanders, RL , Editor, Iğı Global Publications,
Singapur, pp.226-247, 2011
- XVIII. **Understanding the Role of Virtual Environments in Collaborative Design**
Gül L. F. , WILLIAMS A., GU N.
in: Collaborative Working Environments for Architectural Design, Carrara, G, Fioravanti, A and Kalay, YE , Editor,
Sapienza Universita Di Roma, Roma, pp.105-117, 2010
- XIX. **The Impact of Embodiment on Design Cognition: A Method to Investigate Design Behaviour in Collaborative Design Environments**
Gül L. F. , WILLIAMS A., GU N.

in: Computing, Cognition and Education; Recent Research in the Architectural Sciences, Michael O., Philip W.A. Gu N., Editor, University Of Newcastle, Sidney, pp.111-126, 2009

XX. Understanding Collaborative Design in Virtual Environments

Gül L. F. , MAHER M. L.

in: Technology, Design and Process, Innovation in the Built Environment, Newton, P, Hampson, K and Drogemuller, R , Editor, Spon Press, Taylor And The Francis Press, Oxon, pp.154-170, 2009

XXI. Comparing Distance Collaborative Designing Using Digital Ink Sketching and 3D Models in Virtual Environments

MAHER M. L. , Bilda Z., Gül L. F. , Marchant D.

in: Clients Driving Innovation: Moving Ideas into Practice, -, Editor, Crc, Sidney, pp.133-142, 2006

Refereed Congress / Symposium Publications in Proceedings

I. Mapping Current Trends on Gamification of Cultural Heritage

Karahan S. G. , GÜL L. F.

the proceedings of the PUDCAD Universal Design Practice Conference: Game Design Education, Switzerland, 24 - 26 June 2020

II. 'Increasing Women Entrepreneurship' Workshop in ITU Teknokent

Güven E. B. , GÜL L. F. , Karahan S., ÖĞÜDÜCÜ Ş.

7th International Conference on Gender Studies, Gender, Space, Place Culture., Lefkoşa, Cyprus (Kktc), 10 - 12 October 2019

III. Mimari Tasarım Sürecinin Erken Evrelerinde Kullanılacak bir AG Uygulamasının Geliştirilmesi ve Kullanılabilirlik Değerlendirmesi Yöntemi ile Değerlendirilmesi

Durmazoğlu Ç., GÜL L. F.

13. Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu MSTAS 2019, Kocaeli, Turkey, 1 - 02 June 2019, pp.99-118

IV. Türkiye'de AG Konusunda Gerçekleştirilen Çalışmalara Kısa bir Bakış: Geçmiş, Güncel Çalışmalar ve Yeni Ufuklar

Durmazoğlu Ç., GÜL L. F.

13. Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu MSTAS 2019, Kocaeli, Turkey, 1 - 02 June 2019, pp.119-136

V. Introducing the Computation in Architectural Design: an example of a first year course with Parametric and Visual Programming Tools

Gül L. F. , Özkaz M., Yağmur Kilimci E. S. , Çekmiş A.

Materiality as a process, Lisbon, Portugal, 11 - 12 April 2019, pp.303-312

VI. Studying Architectural Massing Strategies in Co-design - Mobile Augmented Reality Tool versus 3D Virtual World

Gül L. F.

ShoCK! - Sharing Computational Knowledge! - Proceedings of the 35th eCAADe Conference, Roma, Italy, 20 - 22 September 2017, vol.2, pp.703-710

VII. Studying Arcitectural Massing Strategies in Co-Design

GÜL L. F.

eCAADe 2017 ShoCK! Sharing of Computable Knowledge!, Roma, 20 - 22 September 2017, vol.2, pp.703-710

VIII. Studying co-design: How place and representation would change the co-design behavior?

Gül L. F. , UZUN C., HALICI S. M.

17th International Conference on Computer-Aided Architectural Design, CAAD Futures 2017, İstanbul, Turkey, 12 - 14 July 2017, vol.724, pp.212-230

IX. Designing as a Team by Utilizing Analogue Media versus a Computational Tool for Parametric Modelling Lessons Learnt form a Study in Education

YAĞMUR KİLİMCİ E. S. , GÜL L. F.

CAAD FUTURES 2017, İstanbul, Turkey, 12 - 14 July 2017, pp.374-388

X. Mimarlıkta Dijital Piyasa: Mimari Tasarım Süreçlerinde Yazılım Teknolojisi Politikaları

Taşdelen H. S. , GÜL L. F.

MSTAS 2017 İmkansız Mekanlar, Ankara, Turkey, 14 - 15 June 2017

- XI. **Digital Marketing in Architecture: Politics of Software Technologies in Architectural Design Process**
Taşdelen S., Gül L. F.
11. MSTAS 2017, İmkansız Mekanlar, Olanaksızın Olanığı, Ankara, Turkey, 14 - 15 June 2017, pp.114-121
- XII. **Understanding the Impact of Mobile Augmented Reality on Co-design Cognition and Co-modelling**
Gül L. F. , Halıcı M., Uzun C., Esengün M.
13th International Conference on Cooperative Design, Visualization, and Engineering (CDVE), Sydney, Australia, 24 - 27 October 2016, vol.9929, pp.362-370
- XIII. **Collaborative Design with Mobile Augmented Reality**
GÜL L. F. , HALICI S. M.
ECAADE 2016: COMPLEXITY SIMPLICITY, VOL 1, Oulu, Finland, 24 - 26 August 2016, vol.2, pp.493-500
- XIV. **Arttırılmış Gerçeklik Ortamının Tasarım Sürecinde Kullanımı Tasarımla Etkileşimi Nasıl Etkiler**
GÜL L. F. , Halıcı S. M. , Uzun C., ESENGÜN M.
MSTAS 2016 Karşılaşmalar: Krizler ve İmkanlar, İstanbul, Turkey, 27 - 28 June 2016, pp.266-277
- XV. **Arttırılmış Gerçeklik Ortamının Tasarım Sürecinde Kullanımı Tasarımla Etkileşimi Nasıl Etkiler?**
GÜL L. F. , HALICI S. M. , UZUN C., ESENGÜN M.
X. Mimarlıkta Sayısal Tasarım Sempozyumu, İstanbul, Turkey, 24 - 28 June 2016, vol.1
- XVI. **Collaborative Design with Mobile Augmented Reality**
Gül L. F. , Halıcı S. M.
34th eCAADe Conference (eCAADe), Oulu, Finland, 24 - 26 August 2016, pp.493-500
- XVII. **Understanding the Employment of Digital Design Tools in Architectural Education in Turkey**
Gül L. F. , Çağdaş G., Gül M. M. , Çağlar N.
ICONARCH II, Architecture and Technology International Congress, Konya, Turkey, 20 - 22 October 2014, pp.188-199
- XVIII. **Embedding Digital Media in Architecture**
Gül L. F.
ICONARCH I, Architecture and Technology International Congress, Konya, Turkey, 15 October 2012 - 17 October 2014, pp.303-312
- XIX. **Integration of Digital Fabrication in Architectural Curricula**
Gül L. F. , Simisic L.
FabLearn Europe 2014, Digital Fabrication Conference, Aarhus, Denmark, 15 - 16 June 2014
- XX. **Understanding Design Practice, A Case Of Turkey: How Really We Employ Digital Tools For Everyday Designing**
Benan Ş., Gül L. F.
Proceedings of the 2nd ICAUD International Conference in Architecture and Urban Design, Tiran, Albania, 8 - 10 May 2014
- XXI. **Türkiye de imarlık Eğitimi ve Bilişim Teknolojileri**
GÜL L. F. , ÇAĞDAŞ G., ÇAĞLAR T. N. , GÜL M. M. , RUHİ SİPAHİOĞLU I., Balaban Ö.
VII. Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu: Sayısal tasarım entropi yaratıcılık, İstanbul, Turkey, 27 - 28 June 2013, pp.11-16
- XXII. **Mimarlık Eğitiminde Bilişim Teknolojileri**
GÜL L. F. , ÇAĞDAŞ G., ÇAĞLAR T. N. , GÜL M. M.
XXXVI. MOBBİG, İstanbul, Turkey, 2 - 03 May 2013
- XXIII. **Türkiye’de Mimarlık Eğitimi ve Bilişim Teknolojileri**
GÜL L. F. , ÇAĞDAŞ G., ÇAĞLAR T. N. , GÜL M. M. , Sipahioğlu I. R. , Balaban Ö.
Mimarlıkta Sayısal Tasarım Sempozyumu, İTÜ, İstanbul, Turkey, 2 - 04 March 2013
- XXIV. **Educating New Generation of Architects**
Guel L. F.
30th International Conference on Education and Research in Computer Aided Architectural Design in Europe (eCAADe), Prague, Czech Republic, 12 - 14 September 2012, pp.77-85

- XXV. **What we learnt from design teaching in collaborative virtual environments**
 Guel L. F.
 29th Conference on Education in Computer Aided Architectural Design in Europe (eCAADe), Ljubljana, Slovenia,
 21 - 24 September 2011, pp.203-211
- XXVI. **Studying Affordances of Digital Design Modes**
 Gül L. F.
 THE Sense & Sensibility of ERGONOMICS IN DESIGN, 6th UNIDCOM/IADE International Conference, Lizbon,
 Portugal, 10 - 12 June 2011
- XXVII. **The Bologna Process and Its Impact on Higher Education at Bosnia and Herzegovina**
 Gül L. F. , Gül M. M.
 International Higher Education Congress: New Trends and Issues, Ankara, Turkey, 27 - 29 May 2011
- XXVIII. **Evaluating Software Support for Multimedia Data Analysis in Design Studies**
 Gül L. F.
 3rd European Workshop on Computer-Aided Qualitative Research 2010, CAQRE 2010, Lizbon, Portugal, 7 - 08
 September 2010
- XXIX. **METHODS FOR EVALUATING 3D VIRTUAL WORLDS IN DESIGN EDUCATION**
 Gu N., Guel L. F. , WILLIAMS A.
 11th International Design Conference (DISIGN), Dubrovnik, Croatia, 17 - 20 May 2010, pp.1259-1266
- XXX. **STUDYING EMBODIED INTERACTION WITH THE DESIGN ENVIRONMENT: WHAT IS THE ROLE OF
 PRESENCE IN DESIGN?**
 Guel L. F.
 11th International Design Conference (DISIGN), Dubrovnik, Croatia, 17 - 20 May 2010, pp.1315-1324
- XXXI. **Sanal Dünyada İşbirlikli Mimari Tasarım**
 Gül L. F.
 Mimarlıkta Sayısal Tasarım 2010, İstanbul, Turkey, 10 - 11 May 2010, pp.35-38
- XXXII. **Studying the Impact of Immersion on Design Cognition**
 Guel L. F.
 27th Conference on Education and Research in Computer Aided Architectural Design in Europe, İstanbul, Turkey,
 16 - 19 September 2009, pp.615-622
- XXXIII. **Conquering New Worlds**
 Gu N., GÜL L. F. , Williams A., Walaiporn N.
 Proceedings of the 14th International Conference on Computer Aided Architectural Design Research in Asia,
 Changi Mai, TAYVAN, 22 - 25 April 2009, pp.153-164
- XXXIV. **NU Genesis**
 GU N., NAKAPAN W., WILLIAMS A., Gül L. F.
 Proceedings of the 14th International Conference on Computer Aided Architectural Design Research in Asia,
 Yunlin, Taiwan, 22 - 24 April 2009, pp.257-265
- XXXV. **Evaluating the Use of 3D Virtual Worlds in Collaborative Design Learningl**
 Gu N., Nakapan W., Williams A., GÜL L. F.
 CAAD Futures 2009, Montreal, Canada, 1 - 03 April 2009
- XXXVI. **Understanding the Impact of Digital Media on Design Cognition**
 Gül L. F.
 the 3rd International Conference on Design Principles and Practices, Berlin, Germany, 15 - 16 February 2009
- XXXVII. **Evaluating The Use Of 3D Virtual Worlds In Collaborative Design Learning**
 GU N., NAKAPAN W., WILLIAMS A., Gül L. F.
 CAADFutures 2009, Montreal, Canada, 10 - 12 January 2009
- XXXVIII. **Affording Embodiment in Collaborative Virtual Environments What is the Role of Presence in
 Collaborative Design**
 GÜL L. F.
 The 11th Annual International Workshop on Presence, Presence 2008, Padova, 16 - 18 October 2008, pp.297-304
- XXXIX. **Working Together or Not? That is the Design Collaboration**

Gül L. F.

Virtual Worlds, Collaboration, and Workplace Productivity Workshop, Computer Supported Collaborative Work, CSCW 2008, Kaliforniya, United States Of America, 9 - 10 October 2008

- XL. **Global teamwork: a study of design learning in collaborative virtual environments**
GÜL L. F. , Wang X., ÇAĞDAŞ G., Bülbül T., TONG H.
Undisciplined! Design Research Society Conference, Sheffield, England, 16 - 19 July 2008
- XLl. **Digital Technologies as Place Making Elements in Built Environment Designs**
GU N., MAHER M. L. , Gül L. F. , WILLIAMS A.
The 5th International Conference on Innovation in Architecture, Engineering and Construction, Antalya, Turkey, 5 - 07 June 2008
- XLII. **Understanding the Role of Emerging Technologies in Design Communication**
Gül L. F. , MAHER M. L.
the 5th International Conference on Innovation in Architecture, Engineering and Construction, Antalya, Turkey, 5 - 07 June 2008
- XLIII. **Affordances of Virtual Environments, Do Design Media Change the Interaction with the Design Representation**
Gül L. F.
13th International Conference on Computer Aided Architectural Design Research in Asia, CAADRIA 2008, Beyond Computer-Aided Design, Chiang Mai, Thailand, 9 - 12 April 2008, pp.213-220
- XLIV. **Understanding the Role of Visual Cues on Human Decision Making**
Guest M., WILLIAMS A., Gül L. F.
International Design Conference Cumulus, Kyoto, Japan, 28 - 30 March 2008
- XLV. **A Method to Investigate Design Cognition in Virtual Environments**
Gül L. F. , GU N., WILLIAMS A.
ANZASca 2008: Proceedings of the 42nd Annual Conference of the Australian and New Zealand Architectural Science Association, Sidney, Australia, 10 - 12 January 2008, pp.261-270
- XLVI. **Understanding the Role of Virtual Environments in Collaborative Design**
Gül L. F. , WILLIAMS A., GU N.
Proceedings of the 1st International Workshop on Collaborative Working Environments for Architectural and Building Design, CollABD 2007, Roma, Italy, 8 - 10 November 2007
- XLVII. **A new approach to design education: Evaluations of 3D virtual worlds on design teaching and learning**
GÜL L. F. , Gu N., Williams A.
7th International Conference on Construction Applications of Virtual Reality, 22 - 23 October 2007, pp.40-49
- XLVIII. **Confluence of the Real and Virtual**
WILLIAMS A., GU N., Sher W., Gül L. F.
IASDR'07: International Association of Societies of Design Research, Kowloon, Hong Kong, 12 - 15 October 2007
- XLIX. **Understanding design collaboration: Comparing face-to-face sketching to designing in virtual environments**
GÜL L. F. , Maher M. L.
Proceedings IASDR 2007, The International Association of Societies of Design Research, Hong Kong, 6 - 09 September 2007
- L. **Designing and learning in 3D virtual worlds**
Gu N., Williams A., GÜL L. F.
Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age (CELDA 2007), Sidney, Australia, 5 - 06 August 2007
- LI. **Designing Virtual Worlds: A case study of design education in and of 3D virtual worlds**
GÜL L. F. , Gu N., Maher M. L.
ConnectED'xx07, International Conference of Design Education, 9 - 12 July 2007, pp.1-5
- LII. **Designing and learning within the design**
GU N., Guel L. F. , MAHER M. L.

12th International Conference on Computer-Aided Architectural Design Research in Asia, Nanjing, PEOPLES R CHINA, 19 - 21 April 2007, pp.127-132

- LIII. **Designing and learning within the designA Case Study of Principles for Designing and Teaching 3D Virtual Worlds'**
Gu N., GÜL L. F. , Maher M. L.
CAADRIA 2007: Proceedings of the 12th International Conference on Computer-Aided Architectural Design Research in Asia, Nanjing, China, 19 - 21 April 2007, pp.127-132
- LIV. **Study of Design Collaboration in Virtual Environments: Interacting With the External Design Representation**
Gül L. F.
Proceedings of the Workshop - Spatial Cognition in Architectural Design. Anticipating User Behaviour, Layout Legibility, and Route Instructions in the Planning Process, Melbourne, Australia, 5 - 07 March 2007
- LV. **Studying collaborative design in face to face, remote sketching, and 3d virtual world environments**
Maher M. L. , Bilda Z., Gül L. F. , Marchant D.
11th International Conference of the Association for Computer-Aided Architectural Design Research in Asia 2006, CAADRIA 2006, Kumamoto, Japan, 31 March - 02 April 2006, pp.553-555
- LVI. **The Impact of Virtual Environments on Design Collaboration**
Gül L. F. , MAHER M. L.
Communicating Space(s), 24th eCAADe Conference Proceedings, Volos, Greece, 10 - 12 September 2006, pp.74-83
- LVII. **Studying Design Collaboration in DesignWorld: An Augmented 3D Virtual World**
GÜL L. F. , Maher M. L.
International Conference on Computer Graphics, Imaging and Visualisation (CGIV'xx06), Sidney, Australia, 26 - 28 July 2006
- LVIII. **Studying Design Behavior in Collaborative Virtual Environments**
MAHER M. L. , Gül L. F. , Bilda Z.
Proceedings of 16th World Congress on Ergonomics (IEA2006 Congress), Maastricht, Netherlands, 6 - 08 June 2006
- LIX. **Impact of Collaborative Virtual Environments on Design Behavior**
Maher M. L. , Bilda Z., Gül L. F.
Design Computing and Cognition'06, Amsterdam, Netherlands, 12 - 14 May 2006, pp.305-321
- LX. **Software Support for Collaborative Data Analysis in Collaborative Design Studies**
Bildla Z., Gül L. F. , GU N., MAHER M. L.
Quality and Impact of Qualitative Research, 3rd Annual QualIT Conference, Brisbane, Australia, 7 - 09 April 2006, pp.40-50
- LXI. **Impact of collaborative virtual environments on design behaviour**
Maher M. L. , GÜL L. F.
Design Computing and Cognition, Sydney, Australia, 1 - 05 January 2006, pp.305-321
- LXII. **Studying Design Collaboration in Virtual Worlds**
MAHER M. L. , Bildla Z., Gül L. F. , Marchant D.
Studying Designers'05, Sydney, Australia, 12 - 14 September 2005, pp.291-305
- LXIII. **Navigation in Virtual Worlds**
Gül L. F.
5th APRU Doctoral Students Conference, Sydney, Australia, 11 - 12 September 2004
- LXIV. **New Directions In Postgraduate Training For Heritage Conservation Professionals In New South Wales, Australia**
Howells T., Gül L. F. , Gül M. M.
Proceedings of 7th International Symposium of the OWHC, Rodos, Greece, 8 - 10 August 2003

Supported Projects

2019 - Continues	Türkiye'nin Öncelikli Alanları için Yapay Zeka Teknolojileri Geliştirilmesi için Altyapı Oluşturma ve Ön Bilimsel Çalışmaları Başlatma, Project Supported by Higher Education Institutions
2019 - Continues	Mimari Tasarım Sürecinde Kullanılabilecek Artırılmış Gerçekliğe Dayalı Karma Modelleme Ortamı Önerisi, Project Supported by Higher Education Institutions
2017 - 2020	MATERIART "Art and Science of Materiality in Architectural Design Education", Erasmus Project
2018 - 2019	Cepte Kent Rehberi: Arttırılmış Gerçeklik Uygulamasıyla Katmanlanan Gerçeklik, Zihinsel Mekan Haritalaması Süreçlerini Değiştirir mi?, Other Supported Projects
2016 - 2018	İşbirlikli tasarım ve modellemede mobil arttırılmış gerçeklik araçlarının kullanımını anlamak üzerine bir çalışma, Project Supported by Higher Education Institutions
2015 - 2017	Sanal Ortamlarda İşbirlikli Tasarımda Biliş Üzerine Bir Çalışma Var Olma Duygusu ve Temsil Sistemleri Tasarım Davranışını Değiştirir mi, TUBİTAK Project
2015 - 2017	3B Parametrik Tasarım Teknolojilerinin Tasarımın Bilişsel Süreçlerine Olan Etkisi, Project Supported by Higher Education Institutions
2016 - 2016	İşbirlikli tasarım ve modellemede mobil arttırılmış gerçeklik araçlarının kullanımını anlamak üzerine bir çalışmaProje no 39976 BAP Birimi, Project Supported by Higher Education Institutions
2013 - 2014	Türkiye deki Mimarlık Eğitiminde Mevcut Yönelimler ve Bilişim Teknolojileri, TUBİTAK Project
2007 - 2009	Markers on loads do safe handling prompts change behaviour, Universities of Other Countries Supported Project
2008 - 2008	Understanding the impact of 3D virtual worlds on design cognition, Universities of Other Countries Supported Project
2008 - 2008	Understanding design cognition, Universities of Other Countries Supported Project
2005 - 2007	Team collaboration in high bandwidth virtual environments Cooperative Research Centre for Construction Innovation, Project Supported by Public Organizations in Other Countries

Design

November 2012	Gül L. F. , Ökten S., Mosque Design of Inegol OSB, Building Design / Architectural Project
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Activities in Scientific Journals

2020 - Continues	AZ İTÜ Mimarlık Fakültesi Dergisi, Committee Member
2015 - Continues	Frontiers ICT- Digital Education, Assistant Editor

Scientific Refereeing

January 2018	Project Supported by Higher Education Institutions
October 2017	Journal of Multimodal User Interfaces, SCI Journal
October 2017	Project Supported by Higher Education Institutions
April 2017	Journal on Multimodal User Interfaces, SCI Journal
November 2013	FP7 Project, FP7 Project, European Commission, Belgium

Scientific Consultations

2016 - Continues	Project Consultancy, TÜBİTAK
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Tasks In Event Organizations

15 Nisan 2019	Gül L. F. , Placeness, Workshop Organization, İstanbul, Turkey
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10 Temmuz 2017	Gül L. F. , Çağdaş G., Özkar Kabakçioğlu M., Gürer E., CAADFutures 2017, Scientific Congress, İstanbul, Turkey
28 Haziran 2017	Gül L. F. , Augmented Cube, Workshop Organization, İstanbul, Turkey
12 Mayıs 2012	Gül L. F. , Gül M. M. , Days of Oris: World Architects Meet in Ankara (Oris Günleri – Dünya Mimarları Ankara'da Buluşuyor), Scientific Congress, Ankara, Turkey
26 Kasım 2008	Gül L. F. , Gu N., Ostwald M., Williams A., ANZAScA 2008, Scientific Congress, Newcastle, Australia

Scientific Research / Working Group Memberships

2019 - Continues	Sosyal İnovasyon Uygulama Ve Araştırma Merkezi, itu.edu.tr, İstanbul Technical University, Turkey
2018 - Continues	Bilim Mühendislik Ve Teknolojide Kadın Araştırmaları Uygulama Merkezi, www.kaum.itu.edu.tr, İstanbul Technical University, Turkey
2017 - Continues	Türkiye Hesaplamalı Tasarım Araştırmaları ve Eğitimi Ağı, http://www.codenetwork.info/ , İSTANBUL TEKNİK ÜNİVERSİTESİ, Turkey

Mobility Activity

2018 - 2018	Bilateral Colloboration Agreement, Guest Researcher, Macquaire University, Australia
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Edit Congress and Symposium Activities

2017	CAAD Futures 2017, Session Moderator, İstanbul, Turkey
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Citations

- I. Total Citations (WOS): 42
- II. h-index (WOS): 3

Invited Talks

September 2012	Embedding Digital Media in Architecture, Seminar, University of Oulu, Finland
September 2012	Digital Design Fabrication, Seminar, University of Oulu, Finland
November 2007	SERES IV. Uluslararası Katılımlı Seramik, Cam, Emaye ve Boya Semineri, The Use of Glass in Contemporary Architecture, Conference, Anadolu Üniversitesi, Turkey

Awards

June 2017	FABFEST 2017, University of Westminster
July 2016	Digital Fabrication, FABFEST London 2016
April 2008	Young CAADRIA 2008, Caadria 2008:Chiang Mai
November 2003	Dean's Honours List, University Of Sydney
June 1993	Mezuniyet üçüncülüğü, Gürel Vakfı