ÖZGEÇMİŞ (FARSHAD MIRAMIRKHANI)

1. **Adı Soyadı:** Farshad Miramirkhani
2. **Doğum Tarihi:** 06/08/1989
3. **Unvanı:** Dr. Öğretim Üyesi
4. **Öğrenim Durumu:**

Derece	Alan	Üniversite	Yıl
Lisans	Elektrik Elektronik Mühendisliği	İsfahan Üniversitesi	2011
Y. Lisans	Haberleşme Mühendisliği	İsfahan Üniversitesi	2014
Doktora	Elektrik Elektronik Mühendisliği	Özyeğin Üniversitesi	2018

5. **Akademik Unvanlar:**

Unvanı	Üniversite	Yıl
Dr. Öğretim Üyesi	Işık Üniversitesi, İstanbul	2019 –

6. **Yönetilen Yüksek Lisans ve Doktora Tezleri**

6.1. Yüksek Lisans Tezleri

Baris Donmez (2019-2022)
Scientific Research Projects (BAP): "Channel Modelling and Characterization for VLC-based Medical Body Sensor Networks"

6.2. Doktora Tezleri

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7. **Yayınlar**

7.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities)

[19] B. Donmez, R. Mitra, and **F. Miramirkhani**, "Channel Modeling and Characterization for VLC-based Medical Body Sensor Networks: Trends and Challenges", *IEEE Access*, vol. 9, pp. 153401-153419, Nov. 2021.

[18] F. Miramirkhani, M. Karbalayghareh, and M. Uysal, "Effect of Scattering Phase Function on Underwater Visible Light Communication Channel Models", *Physical Communication*, vol. 48, pp. 101410, Oct. 2021.

[17] F. Miramirkhani, M. Karbalayghareh, and R. Mitra, "Least Minimum Symbol Error Rate based Post-Distortion for Adaptive Mobile VLC Transmission with Receiver Selection", *Physical Communication*, vol. 47, pp. 101353, Aug. 2021.

[16] K. R. Sekhar, **F. Miramirkhani**, R. Mitra, and A. C. Turlapaty, "Generic BER Analysis of VLC Channels Impaired by 3D User-Mobility and Imperfect CSI", *IEEE Communications Letters*, vol. 25, no. 7, pp. 2319-2323, Jul. 2021.

[15] R. Mitra, **F. Miramirkhani**, V. Bhatia, and M. Uysal, "Low Complexity Least Minimum Symbol Error Rate based Post-Distortion for Vehicular VLC", *IEEE Transactions on Vehicular Technology*, vol. 69, no. 10, pp. 11800-11810, Oct. 2020.

[14] M. Karbalayghareh, **F. Miramirkhani**, H. B. Eldeeb, R. C. Kizilirmak, S. M. Sait, and M. Uysal, "Channel Modelling and Performance Limits of Vehicular Visible Light Communication Systems", *IEEE Transactions on Vehicular Technology*, vol. 69, no. 7, pp. 6891-6901, Jul. 2020.

[13] F. Miramirkhani, and M. Uysal, "Channel Modelling for Indoor Visible Light Communications", *Philosophical Transactions of the Royal Society A, Special Issue on The Cross-Disciplinary Challenges towards Mobile Optical Wireless Networks*, vol. 378, no. 2169, pp. 1-35, Mar. 2020.

[12] H. Abuella, **F. Miramirkhani**, S. Ekin, M. Uysal, and S. Ahmed, "ViLDAR-Visible Light Sensing Based Speed Estimation using Vehicle's Headlamps", *IEEE Transactions on Vehicular Technology*, vol. 68, no. 11, pp. 10406-10417, Nov. 2019.

[11] O. Narmanlioglu, R. C. Kizilirmak, **F. Miramirkhani**, S. Safaraliev, S. M. Sait, and M. Uysal, "Effect of Wiring and Cabling Topologies on the Performance of Distributed MIMO OFDM VLC Systems", *IEEE Access*, vol. 7, pp. 52743-52754, Apr. 2019.

[10] R. Mitra, **F. Miramirkhani**, V. Bhatia, and M. Uysal, "Mixture-Kernel Based Post-Distortion in RKHS for Time-Varying VLC Channels", *IEEE Transactions on Vehicular Technology*, vol. 68, no. 2, pp. 1564-1577, Feb. 2019.

[9] M. Elamassie, **F. Miramirkhani**, and M. Uysal, "Performance Characterization of Underwater Visible Light Communication", *IEEE Transactions on Communications*, vol. 67, no. 1, pp. 543-552, Jan. 2019.

[8] F. Miramirkhani, M. Uysal, O. Narmanlioglu, M. Abdallah, and K. Qaraqe, "Visible Light Channel Modeling for Gas Pipelines", *IEEE Photonics Journal*, vol. 10, no. 2, pp. 1-10, Apr. 2018.

[7] F. Miramirkhani, and M. Uysal, "Visible Light Communication Channel Modeling for Underwater Environments with Blocking and Shadowing", *IEEE Access*, vol. 6, pp. 1082-1090, Feb. 2018.

[6] A. Yesilkaya, E. Basar, **F. Miramirkhani**, E. Panayirci, M. Uysal, and H. Haas, "Optical MIMO-OFDM with Generalized LED Index Modulation", *IEEE Transactions on Communications*, vol. 65, no. 8, pp. 3429-3441, Aug. 2017.

[5] O. Narmanlioglu, R. C. Kizilirmak, **F. Miramirkhani**, and M. Uysal, "Cooperative Visible Light Communications with Full-Duplex Relaying", *IEEE Photonics Journal*, vol. 9, no. 3, pp. 1-11, Jun. 2017.

[4] F. Miramirkhani, O. Narmanlioglu, M. Uysal, and E. Panayirci, "A Mobile Channel Model for VLC and Application to Adaptive System Design", *IEEE Communications Letters*, vol. 21, no. 5, pp. 1035-1038, May 2017.

[3] M. Uysal, **F. Miramirkhani**, O. Narmanlioglu, T. Baykas, and E. Panayirci, "IEEE 802.15.7r1 Reference Channel Models for Visible Light Communications", *IEEE Communications Magazine*, vol. 55, no. 1, pp. 212-217, Jan. 2017.

[2] F. Miramirkhani, and M. Uysal, "Channel Modeling and Characterization for Visible Light Communications", *IEEE Photonics Journal*, vol. 7, no. 6, pp. 1-16, Dec. 2015.

[1] P. Moallem, **F. Miramirkhani**, and M. Sabahi, "Application of Elliptic Discrete Fourier Transform Type (I) in Denoising and Receiver Design", *Analog Integrated Circuits and Signal Processing*, Springer, vol. 85, no. 3, pp. 505-512, Dec. 2015.

7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

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7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (*Proceedings*) basılan bildiriler

[23] B. Donmez, and **F. Miramirkhani**, "Channel Modeling and Characterization for VLC-based MBSNs Impaired by 3D User Mobility", *13th International Conference on Electrical and Electronics Engineering (ELECO 2021)*, Bursa, Turkey (held as a Virtual Conference due to COVID-19), Nov. 2021.

[22] A. Zeshan, M. Karbalayghareh, **F. Miramirkhani**, M. Uysal, and T. Baykas, "Comparative Performance Evaluation of VLC, LTE and WLAN Technologies in Indoor Environments", *IEEE International Black Sea Conference on Communications and Networking (BlackSeaCom 2021)*, Bucharest, Romania (held as a Virtual Conference due to COVID-19), May 2021.

[21] H. B. Eldeeb, **F. Miramirkhani**, and M. Uysal, "A Path Loss Model for Vehicle-to-Vehicle Visible Light Communications", *IEEE 15th International Conference on Telecommunications (ConTEL 2019)*, Graz, Austria, Jul. 2019.

[20] M. Elamassie, M. Karbalayghareh, **F. Miramirkhani**, M. Uysal, M. Abdallah, and K. Qaraqe, "Resource Allocation for Downlink OFDMA in Underwater Visible Light Communications", *IEEE International Black Sea Conference on Communications and Networking (BlackSeaCom 2019)*, Sochi, Russia, Jun. 2019.

[19] I. Marin-Garcia, **F. Miramirkhani**, M. Uysal, and R. Perez-Jimenez, "Performance Evaluation of Vehicle-to-Vehicle Visible Light Communications in the Presence of Denial of Service Attacks", *Global LiFi Congress*, Paris, France, Jun. 2019.

[18] M. Karbalayghareh, **F. Miramirkhani**, M. Safari, and M. Uysal, "Vehicular Visible Light Communications with SPAD Receivers", *IEEE Wireless Communications and Networking Conference (WCNC'19),* Marrakech, Morocco, Apr. 2019.

[17] H. Abuella, S. Ekin, S. Ahmed, **F. Miramirkhani**, B. Kebapci, and M. Uysal, "Wireless Sensing using Vehicle Headlamps for Intelligent Transportation Systems: Proof of Concept", *Transportation Consortium of South Central States (Tran-SET) Conference*, San Antonio, TX, USA, Apr. 2019.

[16] M. Elamassie, M. Karbalayghareh, **F. Miramirkhani**, R. C. Kizilirmak, and M. Uysal, "Effect of Fog and Rain on the Performance of Vehicular Visible Light Communications", *IEEE 87th Vehicular Technology Conference (VTC2018-Spring),* Porto, Portugal, Jun. 2018.

[15] M. Elamassie, **F. Miramirkhani**, and M. Uysal, "Channel Modeling and Performance Characterization of Underwater Visible Light Communications", *IEEE 4th Workshop on Optical Wireless Communications* (co-located with IEEE ICC'18), Kansas City, MO, USA, May 2018.

[14] S. Safaraliev, **F. Miramirkhani**, and M. Uysal, "Effect of LED Wiring and Cabling Topologies on Visible Light Communication Channels", *10th International Conference on Electrical and Electronics Engineering (ELECO 2017)*, Bursa, Turkey, Nov. 2017.

[13] O. Narmanlioglu, R. C. Kizilirmak, **F. Miramirkhani**, and M. Uysal, "Rate-Adaptive OFDM MIMO VLC System", *10th International Conference on Electrical and Electronics Engineering (ELECO 2017)*, Bursa, Turkey, Nov. 2017.

[12] F. Miramirkhani, and M. Uysal, "Channel Modeling and Characterization for Visible Light Communications", *Communications Technologies and Applications Workshop*, Istanbul, Turkey, Aug. 2017.

[11] B. Kebapci, **F. Miramirkhani**, H. Nouri, and M. Uysal, "A Custom-Design Atmospheric Channel Emulator for the Performance Evaluation of Free Space Optical Communication Systems", Invited Paper, *19th International Conference on Transparent Optical Networks (ICTON),* Girona, Spain, Jul. 2017.

[10] M. S. Demir, **F. Miramirkhani**, and M. Uysal, "Handover in VLC Networks with Coordinated Multipoint Transmission", *IEEE International Black Sea Conference on Communications and Networking (BlackSeaCom 2017),* Istanbul, Turkey, Jun. 2017.

[9] A. Yesilkaya, **F. Miramirkhani**, E. Basar, E. Panayirci, and M. Uysal, "Performance of MIMO Enhanced Unipolar OFDM with Realistic Indoor Visible Light Channel Models", *IEEE Workshop on Optical Wireless Communication* (co-located with the IEEE WCNC'16), Doha, Qatar, Apr. 2016.

[8] V. Jungnickel, M. Uysal, N. Serafimovski, T. Baykas, D. O'Brien, E. Ciaramella, Z. Ghassemlooy, R. J. Green, H. Haas, P. A. Haigh, V. Jimenez, **F. Miramirkhani**, M. Wolf, and S. Zvanovec, "A European View on the Next Generation Optical Wireless Communication Standard", *IEEE Conference on Standards for Communications and Networking (CSCN)*, Tokyo, Japan, Oct. 2015.

[7] A. Yesilkaya, H. F. Alsan, **F. Miramirkhani**, E. Panayirci, H. Senol, and M. Uysal, "Performance Analysis of DCO-OFDM Systems in the Presence of Realistic Indoor Visible Light Channels", *European Conference on Networks and Communications (EuCNC)*, Jun. 2015.

[6] F. Miramirkhani, M. Uysal, and E. Panayirci, "Novel Channel Models for Visible Light Communications", Invited Paper, *SPIE Photonics West*, San Francisco, California, United States, Feb. 2015.

[5] F. Miramirkhani, M. F. Sabahi, M. Mivehchy, and M. Yadegari, "Receiver Selection and Data Fusion in Multi-Static Radars Based on Minimization of 2D Error", *2nd Passive Surveillance Systems Conference (PSSC)*, 2014.

[4] F. Miramirkhani, M. F. Sabahi, M. Mivehchy, and M. Yadegari, "Offering A Novel and Efficient Method Based on Fuzzy Track-to-Track in Track Fusion", *22nd Iranian Conference on Electrical Engineering (ICEE)*, 2014.

[3] F. Miramirkhani, P. Moallem, and M. F. Sabahi, "Elliptic Discrete Fourier Transform in Denoising of Communication Signals", *21st Iranian Conference on Electrical Engineering (ICEE)*, 2013.

[2] E. Naghsh, and **F. Miramirkhani**, "An Algorithm for Noise Reduction from EEG and ECG Signals Using Distributed Time-Delay Neural Networks", *11th Sharif Conference on Future Electronics (SCFE)*, 2013.

[1] F. Miramirkhani, and E. Naghsh, "An Algorithm for Noise Reduction Using Distributed Time-Delay Neural Networks", *1st National Conference New Idea on Electrical Engineering (NCNIEE)*, 2013.

7.4. Yazılan uluslararası kitaplar veya kitaplarda bölümler

[2] F. Miramirkhani, M. Uysal, and E. Panayirci, "Channel Modeling for Visible Light Communications", Chapter in *Optical Wireless Communications-An Emerging Technology*, Springer, 2016.

[1] O. Narmanlioglu, R. C. Kizilirmak, **F. Miramirkhani**, and M. Uysal, "Cooperative Visible Light Communications", Chapter in *Optical Wireless Communications-An Emerging Technology*, Springer, 2016.

7.5. Ulusal hakemli dergilerde yayınlanan makaleler

[2] F. Miramirkhani, "A Path Loss Model for Link Budget Analysis of Indoor Visible Light Communications", *Electrica*, vol. 21, no. 2, pp. 1-8, May 2021.

[1] A. Yesilkaya, **F. Miramirkhani**, H. F. Alsan, E. Basar, E. Panayirci, and M. Uysal, "Modelling of Visible Light Channels and Performance Analysis for Optical OFDM Systems" (in Turkish), *EMO Scientific Journal*, vol. 5, no. 9, pp. 19-31, Jun. 2015.

7.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

[2] M. Elamassie, M. Karbalayghareh, **F. Miramirkhani**, and M. Uysal, "Adaptive DCO-OFDM for Underwater Visible Light Communications", *IEEE 27th Signal Processing, Communication and Applications Conference (SIU'19)*, Sivas, Turkey, May 2019.

[1] A. Yesilkaya, H. Alsan, **F. Miramirkhani**, E. Panayirci, H. Senol, and M. Uysal, "Modeling of Visible Light Channels and Performance Analysis of ACO-OFDM" (in Turkish), *IEEE 23rd Signal Processing, Communication and Applications Conference (SIU'15)*, Malatya, Turkey, May 2015.

7.7. Diğer yayınlar

IEEE 802.11bb Standart Katkıları

[10] M. Uysal, **F. Miramirkhani**, T. Baykas, and K. Qaraqe, "IEEE 802.11bb Reference Channel Models for Indoor Environments", doc.: IEEE 11-18-1582-00-00bb, Sept. 2018. [Online]. Available: https://mentor.ieee.org/802.11/dcn/18/11-18-1582-00-00bb-ieee-802-11bb-reference-channel-models-for-indoor-environments.pdf

[9] M. Uysal, **F. Miramirkhani**, and T. Baykas, "IEEE 802.11bb Channel Model for Conference Room Environment", doc.: IEEE 11-18-1365-00-00bb, Jul. 2018. [Online]. Available: https://mentor.ieee.org/802.11/dcn/18/11-18-1365-00-00bb-ieee-802-11bb-channel-model-for-conference-room-environment.docx

Note: Channel impulse responses (CIRs) discussed in the above documents were selected as "IEEE 802.11bb Reference Channel Models". These channel models allow a fair comparison of different physical layer proposals submitted to TGbb in response to the Call for Proposals. They are available for public use with instructions in: M. Uysal, **F. Miramirkhani**, T. Baykas, and K. Qaraqe, "CIRs of IEEE 802.11bb Reference Channel Models", doc.: IEEE 11-18-1603-00-00bb, Sept. 2018. [Online]. Available: https://mentor.ieee.org/802.11/dcn/18/11-18-1603-00-00bb-cirs-of-ieee-802-11bb-reference-channel-models.zip.

[8] M. Uysal, **F. Miramirkhani**, T. Baykas, K. Qaraqe, and M. Abdallah, "IEEE 802.11bb Reference Channel Models for Gas Pipelines", doc: IEEE 11-18-1239-01-00bb, Jul. 2018. [Online]. Available: https://mentor.ieee.org/802.11/dcn/18/11-18-1239-01-00bb-ieee-802-11bb-reference-channel-models-for-gas-pipelines.pdf

[7] M. Uysal, **F. Miramirkhani**, T. Baykas, K. Qaraqe, and M. Abdallah, "IEEE 802.11bb Reference Channel Models for Underwater Environments", doc: IEEE 11-18-1238-01-00bb, Jul. 2018. [Online]. Available: https://mentor.ieee.org/802.11/dcn/18/11-18-1238-01-00bb-ieee-802-11bb-reference-channel-models-for-underwater-environments.pdf

[6] M. Uysal, **F. Miramirkhani**, T. Baykas, E. Kinav, and O. Rustu, "IEEE 802.11bb Reference Channel Models for Vehicular Communications", doc: IEEE 11-18-1237-01-00bb, Jul. 2018. [Online]. Available: https://mentor.ieee.org/802.11/dcn/18/11-18-1237-01-00bb-ieee-802-11bb-reference-channel-models-for-vehicular-communications.pdf

[5] M. Uysal, **F. Miramirkhani**, T. Baykas, N. Serafimovski, and V. Jungnickel, "IEEE 802.11bb Reference Channel Models for Indoor Environments", doc: IEEE 11-18-1236-01-00bb, Jul. 2018. [Online]. Available: https://mentor.ieee.org/802.11/dcn/18/11-18-1236-01-00bb-ieee-802-11bb-reference-channel-models-for-indoor-environments.pdf

IEEE 802.15.7r1 (802.15.13) Standart Katkıları

[4] M. Uysal, T. Baykas, **F. Miramirkhani**, N. Serafimovski, and V. Jungnickel, "TG7r1 Channel Model Document for High-Rate PD Communications", doc: IEEE 802.15-15/0746r1, Sept. 2015. [Online]. Available: https://mentor.ieee.org/802.15/dcn/15/15-15-0746-01-007a-tg7r1-channel-model-document-for-high-rate-pd-communications.pdf

Note: Channel impulse responses (CIRs) discussed in the above document were selected as "IEEE 802.15.7r1 Reference Channel Models". These channel models allow a fair comparison of different physical layer proposals submitted to TG7r1 in response to the Call for Proposals. They are available for public use with instructions in: M. Uysal, **F. Miramirkhani**, T. Baykas, N. Serafimovski, and V. Jungnickel, "TG7r1 CIRs Channel Model Document for High-Rate PD Communications", doc: IEEE 802.15-15/0747r0, Sept. 2015. [Online]. Available: https://mentor.ieee.org/802.15/dcn/15/15-15-0747-00-007a-tg7r1-cirs-channel-model-document-for-high-rate-pd-communications.zip.

Further information on channel modeling method can be found in the following documents:
[3] M. Uysal, **F. Miramirkhani**, T. Baykas, N. Serafimovski, and V. Jungnickel, "LiFi Channel Models: Office, Home and Manufacturing Cell", doc: IEEE 802.15-15/0685r0, Sept. 2015. [Online]. Available: https://mentor.ieee.org/802.15/dcn/15/15-15-0685-00-007a-lifi-reference-channel-models-office-home-manufacturing-cell.pdf

[2] M. Uysal, and **F. Miramirkhani**, "LiFi Reference Channel Models: Office, Home, and Hospital", doc: IEEE 802.15-15/0514r1, Jul. 2015. [Online]. Available: https://mentor.ieee.org/802.15/dcn/15/15-15-0514-01-007a-lifi-reference-channel-models-office-home-hospital.pptx

[1] M. Uysal, and **F. Miramirkhani**, "Channel Modeling for Visible Light Communications", doc: IEEE 802.15-15/0352r1, May 2015. [Online]. Available: https://mentor.ieee.org/802.15/dcn/15/15-15-0352-01-007a-channel-modeling-for-visible-light-communications.pptx

Developed Code/Simulator

[1] M. Elamassie, M. Uysal, **F. Miramirkhani**, T. Baykas, and K. Qaraqe, "IEEE 802.11bb Reference Channel Models", Dec. 2018. https://www.mathworks.com/matlabcentral/fileexchange/69553-ieee-802-11bb-reference-channel-models
This MATLAB Toolbox generates visible light communication (VLC) channel impulse responses based on the document: M. Uysal, **F. Miramirkhani**, T. Baykas, and K. Qaraqe, "IEEE 802.11bb Reference Channel Models for Indoor Environments", IEEE 802.11-18/1582r4, Nov. 2018.

7.8. Uluslararası atıflar

Farshad Miramirkhani'a ait olan yayınlara Google Scholar veri tabanında ise **1531** atıf tesbit edilmiştir.

8. Ulusal & Uluslararası Projeler

Işık Üniversitesinde baş araştırmacı olarak katıldığı projeler

- Channel Modelling and Characterization for VLC-based Medical Body Sensor Networks – Scientific Research Projects (BAP) (Jun. 2019-Jan. 2022)

Özyeğin Üniversite'sinde araştırmacı olarak katılım yapılan projeler

- Visible Light Communication Channel Modeling and Characterization for Airplane Cabin – Turkish Airline (THY) and Aselsan: "Optical based Wireless Communication (LiFi) Development of In-Flight Entertainment (IFE) Systems for Civil Aircraft" (Apr. 2019-Jun. 2020)
- Channel Modeling and Characterization for Vehicular Visible Light Communications – Nazarbayev University, Astana, Kazakhstan: "Physical Layer Design for the Advancement of VLC Based Intelligent Transportation Systems" (Apr. 2017-Dec. 2017)
- Channel Modeling and Characterization for Indoor and Vehicular Visible Light Communications – The Scientific & Technological Research Council of Turkey (TUBITAK), 1003: "Innovative Optical Wireless Communication Technologies for 5G and Beyond" (Apr. 2016-Apr. 2019)
- Channel Modeling and Characterization for Underwater Visible Light Communications – The Scientific & Technological Research Council of Turkey (TUBITAK), 1001: "Visible Light Communication Techniques for Future Generation of Underwater Networks" (Mar. 2016-Mar. 2019)
- Channel Modeling and Characterization for Indoor Visible Light Communications – The Scientific & Technological Research Council of Turkey (TUBITAK), COST 2515 – 113E307: "MIMO-OFDM Based Visible Light Communications" (Feb. 2014-Nov. 2016)

İsfahan Üniversite'sinde araştırmacı olarak katılım yapılan projeler

- Communication System Design for Radar Level Gauges (Aug. 2010-Aug. 2011)

9. İdari Görevler

Erasmus Departmental Coordinator

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

Editörlükler

- Editorial Board Member, Isik University Engineering and Natural Sciences Journal
- Review Editor, Wireless Communications for Frontiers in Communications and Networks

Konferans Teknik Komite Üyelikleri

- Technical Program Committee Member, IEEE Workshop on Optical Wireless Technology for Enhanced Connectivity in 6G (co-located with IEEE PIMRC 2021), Helsinki, Finland, Sept. 2021
- Technical Program Committee Member, 17th International Conference on Wireless and Mobile Communications (ICWMC 2021), Nice, France, July 2021
- Technical Program Committee Member, IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC 2021), Helsinki, Finland, Sept. 2021
- Technical Program Committee Member, International Conference on Laser, Optics and Optoelectronic Technology (LOPET 2021), Xi'an, China, May 2021
- Technical Program Committee Member, 11th International Conference on Mobile Services, Resources, and Users (MOBILITY 2021), Valencia, Spain, May 2021
- Technical Program Committee Member, IEEE 93rd Vehicular Technology Conference (VTC2021-Spring), Helsinki, Finland, Apr. 2021
- Technical Program Committee Member, IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC 2020), London, UK, Sept. 2020
- Technical Program Committee Member, IEEE Middle East & North Africa COMMunications (MENACOMM 2019) Conference, Manama, Bahrain, Nov. 2019
- Technical Program Committee Member, International Conference on Innovation and Intelligence for Informatics, Computing, and Technologies (3ICT 2019), University of Bahrain, Bahrain, Sept. 2019
- Technical Program Committee Member, IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC 2019), Istanbul, Turkey, Sept. 2019
- Technical Program Committee Member, International Conference on Electrical Engineering (ELE 2018), Dubai, UAE, Feb. 2018

Hakemlik Yapılan Dergiler

- IEEE Communications Magazine
- IEEE Vehicular Technology Magazine
- IEEE Transactions on Communications
- IEEE Transactions on Wireless Communications
- IEEE Transactions on Signal Processing
- IEEE Transactions on Vehicular Technology
- IEEE/OSA Journal of Lightwave Technology
- Journal of the Optical Society of America A
- IEEE Photonics Journal
- IEEE Access
- IEEE Communications Letters
- IEEE Wireless Communications Letters
- IEEE Photonics Technology Letters
- Chinese Optics Letters
- IET Communications
- The Journal of Engineering (IET)
- Physical Communication (Elsevier)
- International Journal of Electronics and Communications (Elsevier)
- International Journal of Communication Systems (Wiley)
- Journal of Optical Communications
- Infocommunications Journal
- International Journal of Sensors, Wireless Communications, and Control
- Advances in Science, Technology and Engineering Systems Journal
- Turkish Journal of Electrical Engineering and Computer Sciences
- IEEE 87th Vehicular Technology Conference (VTC2018-Spring), Porto, Portugal, Jun. 2018
- IEEE Wireless Communications and Networking Conference (WCNC), Barcelona, Spain, Apr. 2018
- IEEE 14th International Wireless Communications and Mobile Computing Conference (IWCMC 2018), Limassol, Cyprus, Jun. 2018
- IEEE 84th Vehicular Technology Conference (VTC2016-Fall), Montreal, Canada, Sept. 2016

Üyelikler

- Institute of Electrical & Electronics Engineers (IEEE): Student Member
- The Optical Society of America (OSA): Student Member
- The International Society for Optics and Photonics (SPIE): Early Career Professional
- Telecommunication Company of Iran (TCI): Member of Technical Staff (Oct. 2013-Dec. 2013)
- Isfahan Association of Electrical and Electronics Engineers: Member (Jan. 2012-Jan. 2013)
- Technology Incubator Center of Isfahan University: Team Member (Nov. 2011-Nov. 2012)
- Isfahan Science & Technology Town: Technical Support Engineer (Aug. 2010-Aug. 2011)

11. Ödüller

- 2020 Board of Trustees Outstanding Scientific Achievement Award in the Faculty of Engineering, Isik University, Istanbul, Turkey, June 2021
- 2020 Board of Trustees Scientific Achievement Degree Award in the Faculty of Engineering, Isik University, Istanbul, Turkey, June 2021
- 2019 Board of Trustees Outstanding Scientific Achievement Award in the Faculty of Engineering, Isik University, Istanbul, Turkey, June 2021
- 2019 Board of Trustees Scientific Achievement Degree Award in the Faculty of Engineering, Isik University, Istanbul, Turkey, June 2021
- Best Research Award for International Research Awards on New Science Inventions, June 2021
- The 2019 IEEE Turkey Ph.D. Thesis Award, Istanbul, Turkey, Feb. 2020
- The 2019 Ord. Prof. Bedri Karafakioglu Research Incentive Award, Istanbul Technical University, Istanbul, Turkey, Oct. 2019
- Researcher of the Year in International Business and Academic Excellence Awards (IBAE-2019), American College of Dubai, Dubai, UAE, Oct. 2019
- Best Paper Award, IEEE International Black Sea Conference on Communications and Networking (BlackSeaCom 2019), Sochi, Russia, Jun. 2019

- IEEE Standard Reference Channel Models, Dec. 2018
- Best Research Assistant Award of the Graduate School of Engineering, Ozyegin University, Istanbul, Turkey, Aug. 2018
- Outstanding Contribution in Reviewing, Physical Communication (Elsevier), May 2018
- Third Prize of 1000 TL in Best Poster Award, Communications Technologies and Applications Workshop, Istanbul, Turkey, Aug. 2017
- IEEE Standard Reference Channel Models, Sept. 2015
- Top 10% Student in Department of Electrical & Electronics Engineering at University of Isfahan, Isfahan, Iran, Sept. 2011