Faculty Members Website
University of Tabriz



Mahmood Mohassel Feghhi

Associate Professor

College: Electrical & Computer Engineering

Education

Degree	Graduated in	Major	University
BSc	2006	Electrical Engineering - Telecommunications	Iran University of Science & Technology (IUST)
MSc	2009	Electrical Engineering - Communication Systems	Iran University of Science & Technology (IUST)
Ph.D	2015	Electrical Engineering - Communication Systems	University of Tehran - College of Engineering

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
Faculty of Electrical & Computer Engineering	Associate Professor	Tenured	Full Time	

Work Experience

No.	Institute Name	Job Title	Work Place	Begin Date	End Date
1	University of Tabriz	Editor of "Journal of Advanced Signal Processing"	http://jasp.tabrizu.ac.ir/	Jan. 2017	Until Now
2	University of Tabriz	Manager of "TABRIZ JOURNAL OF ELECTRICAL ENGINEERING (TJEE)"	http://tjee.tabrizu.ac.ir/	Jul. 2017	Until Now
3	University of Tabriz	Workshops Co-Chair	Iranian Conference on Electrical Eng. (ICEE 2020)	Aug. 2019	Sep. 2020
4	University of Tabriz	Representative of Iranian Society of Cryptology	University of Tabriz	Oct. 2019	Until Now
5	University of Tabriz	Executive Manager of "Journal of Advanced Signal Processing"	https://jasp.tabrizu.ac.ir/	Jul. 2020	Until Now
6	4th West Asian Symposium on Optical and Millimeter-wave Wireless Communications (WASOWC2022)	Chair of Scientific Committee	Tabriz, Iran (https://wasowc2022.tabrizu.ac.ir/en)	May 2021	May 2022

7	University of Tabriz	Director-in-Charge "Journal of Advanced Signal Processing"	University of Tabriz - http://jasp.tabrizu.ac.ir/	Sep. 2021	Until Now
8	National Conferences	Technical Program Committee (TPC) Member	(1) ICCE 2018 (2) ICEE 2020 (3) ICCE 2021 (4) Radar 2021	2018	2021
9	International Conferences	Technical Program Committee (TPC) Member	(1) MCWCN 2020 (2) DaMi 2021 (3) WASOWC2022 (4) CSIP 2022	2020	2022

Awards

No.	Honor Name	Export Place	Year
1	Ranked 2nd among Mathematics and Physics students in high school	Sheikh Mofid High School	
2	Ranked 1st among Mathematics and Physics students in pre-university school.	Sheikh Mofid Pre-university School	
3	Scored within the top 1% in the Iran Nationwide Universities Entrance Exam (Konkoor) for Engineering majors and offered a position in IUST University, which is one of the top-5 engineering universities in Iran.	National Organization of Educational Testing	2001
4	Ranked 2nd among all the students of the IUST and entitled as “Outstanding Student” in the National University Entrance Examination	Iran University of Science & Technology (IUST)	2001
5	Received “Educational Elite B.Sc. Student” Awards in 2001, 2002 and 2005.	IUST Administration Office	
6	Ranked 2nd among M.Sc. students of communication systems engineering at Iran University of Science and Technology.	Iran University of Science and Technology (IUST)	
7	Received “Educational Elite M.Sc. Student” Award.	IUST Administration Office	2007

Course Topics

No.	Institute Name	Course Title	Level	Begin Date	End Date
1	University of Tabriz	Optical Communication Systems	BSc	2018	Until Now
2	University of Tabriz	Information Theory	MSc	2017	Until Now
3	University of Tabriz	Simulation of Communication Systems	MSc	2018	Until Now
4	University of Tabriz	Advanced Information Theory	PhD	2019	Until Now
5	University of Tabriz	Quantum Communications	PhD	2019	Until Now
6	University of Tabriz	Cloud Computing	PhD	2019	Until Now
7	University of Tabriz	Fundamentals of Internet of Things (IoT)	BSc	2021	Until Now
8	University of Tabriz	Optimization for Data Science	PhD	2021	Until Now
9	University of Tabriz	Engineering Probability and Statistics	BSc	2021	Until Now
10	University of Tabriz	Research & Technical Presentation	BSc	2022	Until Now
11	University of Tabriz	Wideband Communication Systems	PhD	2022	Until Now
12	University of Tabriz	Electric Circuits II	BSc	2016	Until Now
13	University of Tabriz	Satellite Communications	BSc	2016	Until Now
14	University of Tabriz	Engineering Probability	BSc	2016	Until Now
15	University of Tabriz	Principles of Communication Systems	BSc	2016	Until Now
16	University of Tabriz	Advanced Communication Theory	MSc	2016	Until Now
17	University of Tabriz	MSC Seminar	MSc	2017	Until Now
18	University of Tabriz	Convex Optimization	PhD	2017	Until Now
19	University of Tabriz	Applied Cryptography	MSc	2022	Until Now

Workshops

No.	Status	Title	Date	Place
1	Comited	Satellite Signaling	2016	Azarbaijan Shahid Madani University
2	Comited	The 5G: Recent Achievements in Information Theory	2018	University of Tabriz
3	Comited	Communication Systems with Energy Harvesting Nodes: Opportunities and Challenges	2016	University of Tabriz
4	Comited	Age of Information: A new metric for optimizing the throughput and the delay in wireless networks	Aug. 2020	28th Iranian Conference on Electrical Engineering (ICEE 2020)

5	Comited	Toward Smart Radio Environment: Reconfigurable Intelligent Surface-Aided Wireless Communications	2021	University of Tabriz

Membership in Scientific Societies

No.	Association Name	Start Date	Place/Country
1	IEEE	2008	USA
2	Iranian Society of Engineering Education (ISEE)	2015	IRAN
3	Iranian Society of Cryptology (ISC)	2019	IRAN
4	Iranian Association of Electrical Engineering	2019	IRAN

Papers in Conferences

1. S. Aghasi Javid ,& M. Mohassel Feghhi ,Early diagnosis of Alzheimer's disease from MRI images with deep learning model ,20th CSI International Symposium on Artificial Intelligence and Signal Processing (AISP) ,2024 02 21.

Papers in Journals

1. A. Ghadiri , M Atashbar , M Mohassel Feghhi,Channel Estimation for the Multiuser Multi-panel Massive Multiple Input Multiple Output System,Wireless Personal Communications,2024.
2. V Esmaeili ,& M Mohassel Feghhi,Micro-Expression Recognition Using the Spatiotemporal Feature extraction and Deep-Learning Methods,International Journal of Industrial Electronics Control and Optimization,2024.
3. Efficient four-dimensional routing planning of heterogeneous drones utilizing the fuzzy clustering algorithm in complex entropy environments،TABRIZ JOURNAL OF ELECTRICAL ENGINEERING،2024.
4. Leyla Fathollahi , Mahmood Mohassel Feghhi , Mahmoud Atashbar,Energy optimization for full-duplex wireless-powered IoT networks using rotary-wing UAV with multiple antennas,Computer Communications,2024.

Thesis

1. Channel Estimation for Massive MIMO Systems with Lens Antenna Array in Milimeter Wave Communications ، Elham Sharifi Bagh ، 2019/2/2