

Diluka Galappaththige, Ph.D.

📍 Department of Electrical and Computer Engineering, University of Alberta, Edmonton, Canada.

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Profile

■ **Postdoctoral Research Fellow** specializing in wireless communications, with strong expertise in communication systems, signal processing, and mathematical modeling. Proven record of externally funded research, high-impact scholarly publications, and industry–academic collaboration in next-generation wireless technologies. Experienced in mentoring undergraduate and graduate students, developing course content, and integrating practical applications into academic environments.

■ Teaching Summary

- Experience supporting undergraduate and graduate courses in signal processing, communication systems, and engineering mathematics.
- Strong background in mentoring students, developing course materials, and guiding lab-based and project-based learning.
- Prepared to teach core ECE courses, including Signals and Systems, Digital Signal Processing, and Communication Systems.

■ **Date of birth:** April 21, 1992.

■ Canadian permanent resident.

Academic Appointments

2024–pres. ■ **Post-Doctoral Research Fellow (NSERC)**

Department of Electrical and Computer Engineering,
University of Alberta, Canada.

Supervisor: Prof. Chintha Tellambura

Recipient of the NSERC Postdoctoral Fellowship for the proposed research project “Bridging the Gap Between Communication and Sensing in 6G Wireless Networks,” focusing on the exploration and integration of communication and sensing technologies for 6G networks.

2022–2024 ■ **Post-Doctoral Research Fellow**

Department of Electrical and Computer Engineering,
University of Alberta, Canada.

Supervisor: Prof. Chintha Tellambura

Contributed to an industry-academic collaborative project with Huawei Canada, titled “Design, Integration, and Analysis of Wireless Technologies for 6G Networks,” aimed at advancing wireless technologies to meet the demands of next-generation 6G systems.




Academic Qualifications

- 2018–2021 ■ **Ph.D. in Electrical and Computer Engineering**
School of Electrical, Computer, and Biomedical Engineering,
Southern Illinois University, USA.
Thesis supervisor: Assoc. Prof. Gayan Aruma Baduge
Thesis title: Cell-Free and Intelligent Reflective Surfaces Aided Architectures for Wireless Communication
- 2014–2017 ■ **B.Sc. Specialized in Electrical and Electronic Engineering**
Faculty of Engineering,
University of Peradeniya, Sri Lanka.
First Class Honor
Project Supervisors: Prof. Roshan Godaliyadda, Prof. Himal Suraweera, and Prof. Parakrama Bandara

Research Funding and Grants

- 2024–2026 ■ **NSERC Postdoctoral Fellowship** 
Natural Sciences and Engineering Research Council (NSERC) of Canada.
Significance: Awarded through the highly competitive, Canada-wide selection process by the Electrical Engineering Committee.
Value: \$140,000 (CAD) over 24 months.

Awards and Honors

- **PDFA travel awards (2024)**
Post Doctoral Fellows Association, University of Alberta.
Significance: Travel expenses for dissemination of research outcome during the post-doc.
Value: \$300 (CAD).
- **IEEE Exemplary Reviewer - IEEE Communications Letters (2021)** 
IEEE Communication Society.
Significance: Recognizes fewer than 3% of all reviewers with constructive, insightful reviews.
- **IEEE Exemplary Reviewer - IEEE Wireless Communications Letters (2020)** 
IEEE Communication Society.
Significance: Recognizes fewer than 3% of all reviewers with constructive, insightful reviews.
- **NSF student travel grant for IEEE Globecom (2019)** 
National Science Foundation, USA.
Significance: Travel expenses for dissemination of research outcome during the PhD degree.
Value: \$1200 (USD).
- **GPSC career development reimbursement award (2019)**
Graduate and Professional Student Council, Southern Illinois University.
Significance: Travel expenses for dissemination of research outcome during the Ph.D. degree.
Value: \$150 (USD).

Awards and Honors (continued)

■ **Mahapola merit scholarship (2014-2018)**

Ministry of Education, Government of Sri Lanka.

Significance: Recognizes outstanding academic achievements during nationwide high school exams.

Value: Free entrance (tuition waiver) for B.Sc. Eng. degree program and \$360 (USD) per annum.

Areas of Teaching Interests

■ My primary teaching interests include:

- Communication Systems/Communication Theory
- Communication Systems Laboratory
- Wireless Communications and Networking
- Digital Signal Processing
- Signals and Systems
- Probability and Statistics for Engineers
- Engineering Mathematics

Teaching, Mentoring, and Instructional Experience

- While I have not yet served as an instructor of record, I have extensive experience in teaching support, mentoring, and course development at both undergraduate and graduate levels.

Graduate Teaching and Mentoring

- Mentored Ph.D. and M.Sc. students at the University of Alberta in communication and signal processing topics, research methodology, and academic writing.
- Guided M.Sc. thesis project at Southern Illinois University on advanced wireless systems.
- Contributed to the development of lecture materials, problem sets, and student learning resources for graduate-level courses, including "Probability and Statistics for Electrical Engineers."

Undergraduate Support and Tutoring

- Delivered supplemental instruction sessions in Engineering Mathematics, Communication Theory, and Signal Processing.
- Provided one-on-one and small-group tutoring in Mathematics and Physics at the college level.

Teaching Development

- Completed **Graduate Teaching and Learning (GTL) Program Level 1**, University of Alberta (23 instructional hours, 2024), covering pedagogy, inclusive teaching, and ethics.

Work History and Training Experience

2018–2021

■ **IT Administrator**

Southern Illinois University, Carbondale, IL, USA.

- Installed and configured software, hardware, and networks for the UNIX lab systems.
- Monitored system performance, identified, and resolved issues.
- Provided customer support for IT-related issues.
- Managed and updated the department website.

2017–2018

■ **Application Engineer**

Synopsys Lanka (Pvt.) Ltd., Colombo, Sri Lanka.

- Validated clock domain crossing (CDC) sub-components.
- Performance benchmarking of Design Zone designs for tools of VC static and Spyglass CDC.
- Creation of regression test cases suite for VC static.
- Providing inputs for product documentation and validation of documents.

2016–2017

■ **Trainee Engineer**

Sri Lanka Telecom PLC, Colombo, Sri Lanka.

- Trained in various stations: Outside plant maintenance center, Telecom training center, CDMA operations, Soft switch, National transmission maintenance center, International transmission maintenance center, Power and AC, PABX.

Research and Design Projects

■ **Design and implementation of underwater visible light communication system**

Supervised by: Dr. Himlal Suraweera, Dr. Roshan Godaliyadda, and Dr. Parakrama Bandara

Institute: Department of Electrical and Electronic Engineering, University of Peradeniya, Sri Lanka.

- Designed a communication system using the visible light spectrum for an underwater environment using an LED panel transmitter and camera-based receiver.

■ **Design and implementation of power quality analyzer**

Supervised by: Dr. Ruwan Ranaweera

Institute: Department of Electrical and Electronic Engineering, University of Peradeniya, Sri Lanka.

- Designed a device to measure the voltage and frequency of a live power line using Arduino and AC to DC converter circuitry.

■ **Design and implementation of class response system using PIC micro-controller**

Supervised by: Dr. Janaka Wijayakulasooriya

Institute: Department of Electrical and Electronic Engineering, University of Peradeniya, Sri Lanka.

- Developed a response device for attendance and multiple-choice questions using pic16f877a micro-controller.

■ **Design and implementation of water level sensor and analog to digital converter**

Supervised by: Prof. Janaka B. Ekanayake

Institute: Department of Electrical and Electronic Engineering, University of Peradeniya, Sri Lanka.

- Designed a water level sensor to indicate the water level of a tank in terms of voltage and implemented ADC to interpret the analog voltage levels digitally.

Research Interests

- My primary research interests are in the field of wireless communications and signal processing and their applications in the following fields:

- Signal processing for wireless communication
- Co-located/cell-free massive MIMO systems
- Internet of Things

- Integrated sensing and communications
- Near-field communication and sensing
- Ultra-low power wireless communications
- Backscatter communication systems
- Reconfigurable intelligent surfaces
- Millimeter wave and Terahertz communications
- Spectrum sharing and management for massive MIMO
- Wireless energy harvesting
- Machine learning for wireless communications
- 5G, beyond 5G, and 6G wireless communications

Core Competencies

- Wireless & Network Systems
 - RF & mmWave Communication
 - Wireless Link Design
 - Antenna & Channel Modeling
 - Wireless Sensing
 - Communication Protocols (TCP/IP)
 - Signal Processing for Wireless Systems
- Programming & Software Environments
 - MATLAB / Python / C++
 - Linux / Shell Scripting
 - Simulation & Modeling Tools
 - Microsoft Office Suite
- Systems Modeling & Performance Analysis
 - System-Level Wireless Modeling
 - Data Acquisition & Analysis
 - Optimization & Numerical Simulation
 - Signal Processing & Sensing Integration
- Professional & Technical Collaboration
 - Cross-functional Collaboration
 - Technical Documentation
 - System Validation & Performance Evaluation
 - Communication & Teamwork

Publications and Research Related Work

Citation Statistics

Updated from Google Scholar on April 1, 2026.

Papers (Published)	47
Citations	963
h-index	17
i10-index	27

Books

1. **Diluka Galappaththige** and Chintha Tellambura (2025), “Cell-Free Integrated Sensing and Communication”, Foundations and Trends in Communications and Information Theory, Boston-Delft: Now Publishers.
2. **Diluka Galappaththige** and Chintha Tellambura (2026), “ALM-Based Manifold Optimization for Wireless Beamforming”, (In preparation; expected 2026).

Book Chapters

1. Azar Hakimi, **Diluka Galappaththige**, and Chintha Tellambura, "A Roadmap for NF ISAC in 6G: A Comprehensive Overview and Tutorial", *Advanced New Physical Layer Technologies for Next-Generation Wireless Communications*, edited by Lei Liu, Zhijin Qin, Chongwen Huang, Yuhao Chi, and Yang Liu, MDPI, 2025, pp 214-248.

Journal Articles

32. **Diluka Galappaththige**, Mohammadali Mohammadi, Gayan Amarasuriya, and Chintha Tellambura, "Cell-Free Integrated Sensing and Communication: Principles, Advances, and Future Directions", in *Proc. IEEE*, 2026.
31. **Diluka Galappaththige** and Chintha Tellambura, "Wideband NF-ISAC: Subcarrier Allocation for Sensing and Beamforming", in *IEEE Wireless Commun. Lett.*, 2026.
30. **Diluka Galappaththige** and Chintha Tellambura, "Low-Complexity Beamforming for NF Secure ISAC", in *IEEE Wireless Commun. Lett.*, 2025.
29. **Diluka Galappaththige**, Chintha Tellambura, and Sanjeewa Herath, "Wideband Cognitive Radio for Joint Communication and Sensing: Optimization of Subcarrier Allocation and Beamforming", in *IEEE Trans. Cogn. Commun. Netw.*, 2025.
28. **Diluka Galappaththige**, Mohammadali Mohammadi, Hien Quoc Ngo, Michail Matthaiou, and Chintha Tellambura, "Cell-Free Full-Duplex Communication – An Overview", in *IEEE Trans. Commun.*, 2025.
27. Shayan Zargari, **Diluka Galappaththige**, and Chintha Tellambura, "Low-Complexity CRB Minimization for ISAC with A Generalized Target Response Matrix", in *IEEE Wireless Commun. Lett.*, 2025.
26. Shayan Zargari, **Diluka Galappaththige**, and Chintha Tellambura, "Downlink Beamforming for Cell-Free ISAC: A Fast Complex Oblique Manifold Approach", in *IEEE Trans. Wireless Commun.*, 2025.
25. **Diluka Galappaththige**, Shayan Zargari, Chintha Tellambura, and Geoffrey Ye Li, "Low-Complexity Multi-Target Detection in ELAA ISAC", in *IEEE Commun. Lett.*, 2025.
24. **Diluka Galappaththige**, Shayan Zargari, and Chintha Tellambura "Dual Function of Sensing and Backscatter Communication in Cellular Networks", in *IEEE Internet Things Mag.*, 2025.
23. **Diluka Galappaththige**, Shayan Zargari, Chintha Tellambura, and Geoffrey Ye Li, "Optimization of Rate-Splitting Multiple Access with Integrated Sensing and Backscatter Communication", in *IEEE Trans. Veh. Technol.*, 2025.
22. Shayan Zargari, **Diluka Galappaththige**, and Chintha Tellambura, "Transmit Power-Efficient Beamforming Design for Integrated Sensing and Backscatter Communication", in *IEEE Open J. Commun. Soc.*, 2025.
21. Shayan Zargari, **Diluka Galappaththige**, Chintha Tellambura, and Vincent Poor, "A Riemannian Manifold Approach to Constrained Resource Allocation in ISAC", in *IEEE Trans. Commun.*, 2024.
20. Azar Hakimi, **Diluka Galappaththige**, and Chintha Tellambura, "A Roadmap for NF ISAC in 6G: A Comprehensive Overview and Tutorial", in *Entropy*, 2024.
19. **Diluka Galappaththige**, Fatemeh Rezaei, Chintha Tellambura, and Amine Maaref, "Cell-Free Bistatic Backscatter Communication: Channel Estimation, Optimization, and Performance Analysis", in *IEEE Trans. Commun.*, 2024.

18. **Diluka Galappaththige**, Shayan Zargari, Chintha Tellambura, and Geoffrey Ye Li, "Near-Field ISAC: Beamforming for Multi-Target Detection", in *IEEE Wireless Commun. Lett.*, 2024.
17. **Diluka Galappaththige**, Fatemeh Rezaei, Chintha Tellambura, and Sanjeewa Herath, "Optimizing Passive Tag Performance with Reconfigurable Intelligent Surfaces in Bistatic Backscatter Networks", in *IEEE Trans. Veh. Technol.*, 2024.
16. **Diluka Galappaththige** and Chintha Tellambura, "Sum Rate Maximization for RSMA-Assisted CF mMIMO Networks with SWIPT Users", in *IEEE Wireless Commun. Lett.*, 2024.
15. Fatemeh Rezaei, **Diluka Galappaththige**, Chintha Tellambura, and Amine Maaref, "Information and Energy Beamforming Optimization for Symbiotic AmBC and SWIPT Networks", in *IEEE Wireless Commun. Lett.*, 2023.
14. Shayan Zargari, **Diluka Galappaththige**, and Chintha Tellambura, "Sensing and Backscatter Communication Integration: Realizing Efficiency in Wireless Systems for IoT", in *Early Access Articles*, 2023.
13. Fatemeh Rezaei, **Diluka Galappaththige**, Chintha Tellambura, and Sanjeewa Herath, "NOMA-Assisted Symbiotic Backscatter: Novel Beamforming Designs Under Imperfect SIC", in *IEEE Trans. Veh. Technol.*, 2023.
12. Fatemeh Rezaei, **Diluka Galappaththige**, Chintha Tellambura, and Amine Maaref, "Time-Spread Pilot-Based Channel Estimation for Backscatter Networks", in *IEEE Trans. Commun.*, 2023.
11. Fatemeh Rezaei, **Diluka Galappaththige**, Chintha Tellambura, and Amine Maaref, "Multi-Tag Localization in Cooperative AmBC", in *IEEE Commun. Lett.*, 2023.
10. Mohammadali Mohammadi, Zahra Mobini, **Diluka Galappaththige**, and Chintha Tellambura, "A Comprehensive Survey on Full-Duplex Communication: Current Solutions, Future Trends, and Open Issues", in *IEEE Commun. Surveys Tuts.*, 2023.
9. **Diluka Galappaththige**, Fatemeh Rezaei, Chintha Tellambura, and Sanjeewa Herath, "Beamforming Designs for Enabling Symbiotic BackCom Multiple Access Under Imperfect CSI", in *IEEE Access*, 2023.
8. **Diluka Galappaththige**, Chintha Tellambura, and Amine Maaref, "Integrated Sensing and Backscatter Communication", in *IEEE Wireless Commun. Lett.*, 2023.
7. Fatemeh Rezaei, **Diluka Galappaththige**, Chintha Tellambura, and Sanjeewa Herath, "Coding Techniques for Backscatter Communications – A Contemporary Survey", in *IEEE Commun. Surveys Tuts.*, 2023.
6. **Diluka Galappaththige**, Fatemeh Rezaei, Chintha Tellambura, and Sanjeewa Herath, "Link Budget Analysis for Backscatter-Based Passive IoT", in *IEEE Access*, 2022.
5. **Diluka Galappaththige**, Fatemeh Rezaei, Chintha Tellambura, and Sanjeewa Herath, "RIS-Empowered Ambient Backscatter Communication Systems", in *IEEE Wireless Commun. Lett.*, 2022.
4. **Diluka Galappaththige** and Gayan Amarasuriya, "Exploiting Distributed IRSs for Enabling SWIPT", in *IEEE Wireless Commun. Lett.*, 2022.
3. **Diluka Galappaththige**, Dhanushka Kudathanthirige, and Gayan Amarasuriya, "Performance Analysis of Distributed Intelligent Reflective Surfaces for Wireless Communications", in *Early Access Articles*, 2021.

2. **Diluka Galappaththige** and Gayan Amarasuriya, "Exploiting Underlay Spectrum-Sharing in Cell-Free Massive MIMO Systems", in *IEEE Trans. Commun.*, 2021.
1. **Diluka Galappaththige**, Rajan Shrestha, and Gayan Amarasuriya, "Exploiting Cell-Free Massive MIMO for Enabling Simultaneous Wireless Information and Power Transfer", in *IEEE Trans. Green Commun. Netw.*, 2021.

Conference Proceedings

15. Shayan Zargari, **Diluka Galappaththige**, and Chinttha Tellambura, "Adaptive Neural Gradient Descent Method for Dual Objective Optimization in ISAC Systems", in *IEEE Consumer Commun. Netw. Conf. (CCNC)*, 2026.
14. **Diluka Galappaththige**, Mohammadali Mohammadi, and Chinttha Tellambura, "Concurrent, Scheduled, or Hybrid Transmission Protocol for ISAC", in *IEEE Int. Conf. Commun. (ICC)*, 2025.
13. Shayan Zargari, **Diluka Galappaththige**, and Chinttha Tellambura, "Joint Design of Beamforming and Reflection Coefficients in Integrated Sensing and Backscatter Communication Systems", in *18th Canadian Workshop Inf. Theory (CWIT)*, 2024.
12. **Diluka Galappaththige**, Fatemeh Rezaei, and Chinttha Tellambura, "Distributed RF-Emitter Power Allocation for BiBC", in *IEEE Int. Conf. Commun. (ICC)*, 2024.
11. **Diluka Galappaththige**, Fatemeh Rezaei, Chinttha Tellambura, and Amine Maaref, "Ambient IoT: Transmit Power Minimization for NOMA-Enabled BackCom", in *IEEE Int. Symposium Personal, Indoor Mobile Radio Commun. (PIMRC)*, 2023.
10. Fatemeh Rezaei, **Diluka Galappaththige**, Chinttha Tellambura, and Amine Maaref, "Beamforming Design for NOMA-Assisted Symbiotic Backscatter", in *IEEE Int. Symposium Personal, Indoor Mobile Radio Commun. (PIMRC)*, 2023.
9. **Diluka Galappaththige**, Dhanushka Kudathanthirige, Gayan Amarasuriya, and Chinttha Tellambura, "Weighted Sum-Rate Maximization for Distributed RIS-Assisted Cell-Free Massive MIMO", in *IEEE Conf. Standards for Commun. Netw. (CSCN)*, 2022.
8. **Diluka Galappaththige**, Dhanushka Kudathanthirige, and Gayan Amarasuriya, "Performance Analysis of IRS-Assisted Cell-Free Communication", in *IEEE Global Commun. Conf. (GLOBECOM)*, 2021.
7. **Diluka Galappaththige**, Alan Devkota, and Gayan Amarasuriya, "On the Performance of IRS-Assisted Relay Network", in *IEEE Global Commun. Conf. (GLOBECOM)*, 2021.
6. **Diluka Galappaththige**, Dhanushka Kudathanthirige, and Gayan Amarasuriya, "Performance Analysis of Distributed Intelligent Reflective Surface Aided Communications", in *IEEE Global Commun. Conf. (GLOBECOM)*, 2020.
5. **Diluka Galappaththige** and Gayan Amarasuriya, "NOMA-Aided Cell-Free Massive MIMO with Underlay Spectrum-Sharing", in *IEEE Int. Conf. Commun. (ICC)*, 2020.
4. **Diluka Galappaththige** and Gayan Amarasuriya, "Active Pilot Contamination Attack Detection in Sub-6 GHz Massive MIMO NOMA System", in *IEEE Global Commun. Conf. (GLOBECOM)*, 2019.
3. **Diluka Galappaththige** and Gayan Amarasuriya, "Cell-Free Massive MIMO with Underlay Spectrum-Sharing", in *IEEE Int. Conf. Commun. (ICC)*, 2018.

2. Akram Shafie, **Diluka Galappaththige**, Promod Munaweera, Roshan Godaliyadda, and Parakrama Ekanayake, "Camera-Based Visible Light Communication System for Underwater Applications", in *IEEE Int. Conf. Industrial Inf. Syst. (ICIIS)*, 2017.
1. Promod Munaweera, Akram Shafie, **Diluka Galappaththige**, Roshan Godaliyadda, and Parakrama Ekanayake, "Design and Analysis of an Underwater Visible Light MIMO Communication System with a Camera Receiver", in *Seventeenth Int. Conf. Advances in ICT for Emerging Regions (ICTer)*, 2017.

Papers Submitted to Journals/Conferences

1. **Diluka Galappaththige** and Chintha Tellambura, "Radio Frequency Energy Harvesting Models for Wireless Power Transfer Systems: A Comprehensive Survey and Performance Evaluation", in *IEEE Access*, 2025.
2. **Diluka Galappaththige**, Shayan Zargari, and Chintha Tellambura, "A Riemannian Manifold Approach for Sum Rate Maximization in Energy Harvesting Networks", in *IEEE Trans. Veh. Technol.*, 2025.
3. **Diluka Galappaththige** and Chintha Tellambura, "RIS-Assisted Cognitive Radio Networks: A Comprehensive Survey", in *Entropy*, 2025.
4. Ranga Kulathunga, **Diluka Galappaththige**, Gayan Amarasuriya, and Chintha Tellambura, "Set Transformer-based Beamforming for CF ISAC", in *IEEE Veh. Technol. Conf. (VTC)*, 2026.
5. Ranga Kulathunga, **Diluka Galappaththige**, Gayan Amarasuriya, and Chintha Tellambura, "Set Transformer-Based Beamforming Design for Cell-Free Integrated Sensing and Communication", in *IEEE Trans. Wireless Commun.*, 2025.

Reviewer for IEEE Journals and Conferences

- IEEE Transactions on Communication (TCOM)
- IEEE Transactions on Wireless Communications (TWC)
- IEEE Transactions on Vehicular Technology (TVT)
- IEEE Transactions on Green Communications and Networking (TGCN)
- IEEE Internet of Things Journal (IoT-J)
- IEEE Transactions on Signal Processing (TSP)
- IEEE Internet of Things Magazine (IoTM)
- IEEE Access
- IEEE Open Journal of the Communications Society (OJCOMS)
- IEEE Transactions on Cognitive Communications and Networking (TCCN)
- IEEE Network Magazine
- IEEE Communication Letters
- IEEE Wireless Communication Letters

Editorships

2025-pres. ■ **Associate Editor**, *IEEE Canadian Journal of Electrical and Computer Engineering (IC-JECE)*. (<http://journal.ieee.ca/en/editorial/assoceds/>)

Editorships (continued)

- 2024-pres. ■ **Guest Editor**, Special issue: Information-Theoretic Advances and Emerging Technologies for Cognitive Radio Systems, *Entropy Journal*. (https://www.mdpi.com/journal/entropy/special_issues/2W53PC0G3I)
- **Guest Editor**, Special issue: Symmetry/Asymmetry in Wireless Communications and Signal Processing, *Symmetry Journal*. (https://www.mdpi.com/journal/symmetry/special_issues/WF7P69G546)

Conference Activities

- **Technical program committee**, PIMRC'26-Track 1: Fundamentals and PHY, *2026 IEEE 37th International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC)*, Singapore, September 2026. (<https://pimrc2026.ieee-pimrc.org/committees>)
- **Technical program committee**, Wireless Communications, *IEEE International Conference on Communications (ICC 2026)*, Glasgow, Scotland, UK, May 2026. (<https://icc2026.ieee-icc.org/committees/technical-program-committee>)
- **Technical program committee**, ISAC - Integrated Sensing and Communications, *IEEE International Conference on Communications (ICC 2026)*, Glasgow, Scotland, UK, May 2026. (<https://icc2026.ieee-icc.org/committees/technical-program-committee>)
- **Technical program committee**, *International Workshop on AI-Native Connected Mobility (ACM'26)*, co-located with the *IEEE Consumer Communications & Networking Conference (CCNC)*, Las Vegas, USA, January 2026. (<https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=11366552>)
- **Technical program committee**, *IEEE 19th International Conference on Industrial and Information Systems (ICIIS) 2025*, Peradeniya, Sri Lanka, December 2025. (<https://iciis.net/academics-detail/>)
- **Technical program committee**, Integrated Sensing and Communication, *IEEE International Conference on Communications (IEEE ICC'25)*, Montreal, Canada, Jun 2025. (<https://icc2025.ieee-icc.org/committees/technical-program-committee>)
- **Technical program committee**, tack chair, Spectrum Management, Spectrum Sharing and Green Communication, *IEEE 100th Vehicular Technology Conference (VTC2024-Fall)*, Washington DC, USA, Oct 2024. (<https://www.ieeevtc.org/vtc2024fall/vtc2024fall-committees.pdf>)

Professional Affiliations

- 2017–2022 ■ Student member, Institute of Electrical and Electronic Engineers (IEEE), R5-USA.
- 2022–pres. ■ Member, Institute of Electrical and Electronic Engineers (IEEE), R7-Canada.

List of Referees

Attached Separately