TEXAS STATE VITA

I. Academic/Professional Background

A. Name and Title

Name: Dr. Chul-Ho Lee Title: Associate Professor

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
PHD	2012	North Carolina State University	Computer Engineering	

C. University Experience

Position	*University*	*Comments*	*Dates*
Associate Professor, Department of Computer Science	Texas State University. San Marcos, TX, United States		September 2025 - Present
Assistant Professor, Department of Computer Science	Texas State University. San Marcos, TX, United States		September 2021 - August 2025
Assistant Professor, Department of Computer Engineering and Sciences	Florida Institute of Technology. Melbourne, FL, United States		August 2015 - August 2021
Postdoctoral Research Scholar, Department of Electrical and Computer Engineering	North Carolina State University. Raleigh, NC, United States		February 2012 - December 2013

D. Relevant Professional Experience

Position	*Entity*	*Comments*	*Dates*
Senior Research Engineer	DMC R&D Center, Samsung Electronics, South Korea		January 2014 - July 2015

II. TEACHING

B. Courses Taught:

Texas State University:

CS 3358 - DATA STRCTS & ALGM

CS 4379E - INTRO TO NETWORK SCIENCE

CS 4395 - INDEPENDENT STUDY

CS 5199B - THESIS

CS 5329 - ALGORITHM DESIGN & ANALYSIS

CS 5395 - IND STUDY ADV

CS 5399A - THESIS

CS 5399B - THESIS

CS 7199 - DISSERTATION

CS 7315 - NETWORK SCIENCE

CS 7387 - RESEARCH IN COMPUTER SCIENCE

CS 7389E - NETWORK ANALYSIS

CS 7399 - DISSERTATION

CS 7699 - DISSERTATION

CS 7999 - DISSERTATION

Florida Institute of Technology:

CSE 5231 - Computer Networks

CSE 5656 - Theory and Applications of Complex Networks

ECE 4561 - Computer Communications

ECE 5113 - Wireless Local Area Networks

ECE 5117 - Multimedia Communications

ECE 5245 - Digital Signal Processing 1

ECE 5534 - Computer Networks 1

ECE 5535 - Computer Networks 2

C. Directed Student Learning (i.e. theses, dissertations, exit committees, etc.):

Supervisor / Chair, Master's Thesis, Status: In Progress. (January 2026 - Present). Department of Computer Science, Texas State University.
Student(s): Minnet Khan, Graduate, M.S.

Supervisor / Chair, Master's Thesis, Status: In Progress. (January 2026 - Present). Department of Computer Science, Texas State University.
Student(s): Shamyo Brotee, Graduate, M.S.

Member, Dissertation, "High-Throughput Lossy and Lossless Compression of Scientific Data", Status: Proposal. (December 2025 - Present). Department of Computer Science, Texas State University.
Student(s): Andrew Rodriguez, Doctoral, Ph.D.

Member, Dissertation, "Accelerating Graph Algorithms using GPUs", Status: In Progress. (December 2025 - Present). Department of Computer Science, Texas State University.
Student(s): Avery Vanausdal, Doctoral, Ph.D.

Member, Dissertation, "Parallel Search-Space Reduction for Challenging Graph Problems", Status: In Progress. (December 2025 - Present). Department of Computer Science, Texas State University.
Student(s): Cameron Bradley, Doctoral, Ph.D.

Member, Dissertation, "Toward Modeling and Securing Maintainers in Open-Source Software Supply Chains", Status: Proposal. (October 2025 - Present). Department of Computer Science, Texas State University.
Student(s): Javad Mokhtari Koushyar, Doctoral, Ph.D.

Member, Dissertation, "Cross-Modal Knowledge Transfer for Human Activity Recognition", Status: In Progress. (October 2025 - Present). Department of Computer Science, Texas State University.
Student(s): Syed Tousiful Haque, Doctoral, Ph.D.

Supervisor / Chair, Dissertation, Status: In Progress. (August 2025 - Present). Department of Computer Science, Texas State University.
Student(s): Jinyoung Lee, Doctoral, Ph.D.

Supervisor / Chair, Master's Thesis, "Ensemble Pruning: Analyzing the Relationship between Ensemble Characteristics and Pruning Effectiveness", Status: In Progress. (August 2025 - Present). Department of Computer Science, Texas State University.
Student(s): Ezgi Uslu, Graduate, M.S.

Supervisor / Chair, Dissertation, Status: In Progress. (August 2024 - Present). Department of Computer Science, Texas State University.
Student(s): Lei Zhao, Doctoral, Ph.D.

Supervisor / Chair, Dissertation, Status: In Progress. (August 2022 - Present). Department of Computer Science, Texas State University.
Student(s): Joseph Nke, Doctoral, Ph.D.

Supervisor / Chair, Dissertation, "Constrained Graph Partitioning: Algorithms and Applications", Status: Proposal. (August 2022 - Present). Department of Computer Science, Texas State University.
Student(s): Minh Phu Vuong, Doctoral, Ph.D.

Member, Dissertation, "A Unified Autotuning Framework for Deep Learning on the Cloud-Edge Continuum", Status: Completed. (December 2025). Department of Computer Science, Texas State University.
Student(s): Trevor Hanz, Doctoral, Ph.D.

Supervisor / Chair, Project, "Exploring HLS Optimization Limits: An Analysis of Transformer Implementation on Alveo U50 FPGA", Status: Completed. (May 2025 - December 2025). Department of Computer Science, Texas State University.
Student(s): Ethan West, Undergraduate.

Supervisor / Chair, Master's Thesis, "Parallelizing Probabilistic Algorithms for Centrality Measures and Graph Partitioning on Large Graphs", Status: Completed. (August 2023 - August 2025). Department of Computer Science, Texas State University.
Student(s): Garrett Cornett, Graduate, M.S.

Member, Dissertation, "Scalable and Robust Solutions for NP-Hard Problems in Large Signed Networks", Status: Completed. (May 2025). Department of Computer Science, Texas State University.
Student(s): Muhieddine Shebaro, Doctoral, Ph.D.

Member, Master's Thesis, "Enhancing Energy-Efficiency in Cloud Computing and Green Software Design through Accurate Power Measurement for Heterogeneous Hardware", Status: Completed. (May 2025). Department of Computer Science, Texas State University.
Student(s): Amina Nasrin, Graduate, M.S.

Supervisor / Chair, Dissertation, "Efficient Large-Scale Graph Neural Network Training", Status: Completed. (August 2021 - May 2025). Department of Computer Science, Texas State University.
Student(s): Xin Huang, Doctoral, Ph.D.

Member, Dissertation, "Exploring Public Responses to Active Shooter Events", Status: Completed. (December 2024). School of Criminal Justice and Criminology, Texas State University.
Student(s): Madison Doyle, Doctoral, Ph.D.

Supervisor / Chair, Honor's Thesis, "Scalable GPU Accelerated Influence Maximization in Social Networks", Status: Completed. (March 2024 - December 2024). Department of Computer Science, Texas State University.
Student(s): Jacob Doney, Undergraduate, B.S.

Member, Dissertation, "4-Channel Spatially Multiplexed Communication System in Single-Core Optical Fibers", Status: Completed. (May 2024). Department of Electrical Engineering and Computer Science, Florida Institute of Technology.
Student(s): Ce Su, Doctoral, Ph.D.

Member, Dissertation, "Accelerating and Improving Deep Learning Inference on Embedded Platforms via TensorRT", Status: Completed. (May 2024). Department of Computer Science, Texas State University.
Student(s): Yuxiao Zhou, Doctoral, Ph.D.

External Advisor, Dissertation, "Area Classification for RF signals: A Graph Neural Network Approach", Status: Completed. (October 2021 - December 2023). Department of Computer Science and Engineering, The Hong Kong University of Science and Technology.
Student(s): Weipeng Zhuo, Doctoral, Ph.D.

Member, Master's Thesis, "Social Media Misinformation Spread During the Pandemic", Status: Completed. (May 2023). Ingram School of Engineering, Texas State University.
Student(s): Alexander Little, Graduate, M.S.

Member, Master's Thesis, "Fall Detection Using Federated Learning for Model Personalization and Anomaly Detection", Status: Completed. (May 2023). Department of Computer Science, Texas State University.
Student(s): Nader Maray, Graduate, M.S.

Supervisor / Chair, Project, Status: Completed. (May 2022 - May 2023). Department of Computer Science, Texas State University.
Student(s): Garrett Cornett, Undergraduate.

Supervisor / Chair, Project, Status: Completed. (May 2022 - December 2022). Department of Computer Science, Texas State University.
Student(s): Jonathan Sibbett, Undergraduate.

Supervisor / Chair, Project, Status: Completed. (November 2021 - August 2022). School of Computer Science and Engineering, Kyungpook National University.
Student(s): Aming Wu, Doctoral, Ph.D.

Additional Comments: This student is visiting Texas State University from November 2021 to August 2022.

Supervisor / Chair, Dissertation, "Efficient and Scalable Algorithms for Estimating Structural Properties of Large Graphs", Status: Completed. (August 2016 - May 2022). Department of Computer Engineering and Sciences, Florida Institute of Technology.
Student(s): Shiju Li, Doctoral, Ph.D.

Additional Comments: https://repository.lib.fit.edu/handle/11141/3574

Member, Master's Thesis, "Blockchain Interoperability with Cross-chain Stablecoin Payments", Status: Completed. (May 2020). Department of Computer Engineering and Sciences, Florida Institute of Technology.
Student(s): Ravi Pandhi, Graduate, M.S.

Supervisor / Chair, Master's Thesis, "Drone Path Scheduling for Data Gathering in Disaster Effected Environments", Status: Completed. (May 2019). Department of Computer Engineering and Sciences, Florida Institute of Technology.
Student(s): James Bologna, Graduate, M.S.

Member, Dissertation, "An Efficient Low Voltage DC Microgrid with Power Array Conversion for Commercial Building", Status: Completed. (March 2019). Department of Computer Engineering and Sciences, Florida Institute of Technology.
Student(s): Zhiqing Wu, Doctoral, Ph.D.

D. Courses Prepared and Curriculum Development:

CS 4379E Introduction to Network Science, New Course, Texas State University. Approved: September 2023 - Present.

CS 7389E Network Analysis, New Course, Texas State University. Approved: September 2021 - Present.

CSE 5656 Theory and Applications of Complex Networks, Revise Existing Course, Florida Institute of Technology. Taught: January 2019 - May 2019.

ECE 4561 Computer Communications, Revise Existing Course, Florida Institute of Technology. Taught: January 2017 - May 2017.

ECE 5117 Multimedia Communications, Revise Existing Course, Florida Institute of Technology. Taught: January 2017 - May 2017.

ECE 5113 Wireless Local Area Networks, Revise Existing Course, Florida Institute of Technology. Taught: August 2016 - December 2016.

ECE 5535 Computer Networks 2, Revise Existing Course, Florida Institute of Technology. Taught: January 2016 - May 2016.

ECE 5534 Computer Networks 1, Revise Existing Course, Florida Institute of Technology. Taught: August 2015 - December 2015.

F. Other:

Student Accomplishments:

Award:

Supervisor, Student Travel Grant Award. 19th ACM International Conference on Web Search and Data Mining (WSDM 2026). (January 2026). Department of Computer Science, Texas State University.
Student(s): Minh Phu Phu, Doctoral, Ph.D.

Supervisor, Student Travel Grant Award. 22nd IEEE International Conference on Mobile Ad Hoc and Smart Systems (MASS 2025). (August 2025). Department of Computer Science, Texas State University.
Student(s): Minh Phu Phu, Doctoral, Ph.D.

Supervisor, Student Travel Grant Award. 26th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD 2020). (August 2020). Department of Computer Science, Texas State University.
Student(s): Xin Huang, Doctoral, Ph.D.

Fellowship:

Supervisor, Texas State Dissertation Completion Fellowship. Status: Completed. (May 2025). Department of Computer Science, Texas State University.
Student(s): Xin Huang, Doctoral, Ph.D.

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

1. Books:

d. Chapters in Books:

Refereed:

Lee, C.-H., & Eun, D. Y. (2014). Characterizing Link Connectivity in Opportunistic Networks. In *Opportunistic Mobile Social Networks*. CRC Press.

2. Articles:

a. Refereed Journal Articles:

Chiu, K. H., Yin, H., Zhuo, W., Lee, C.-H., & Chan, S.-H. (2025). Graph-based Fingerprint Update Using Unlabelled WiFi Signals. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)*, *9*(1), 1–26.

Additional Comments: This paper will also be presented at ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp) 2025.

Zhuo, W., Li, S., He, T., Liu, M., Chan, S.-H., Ha, S., & Lee, C.-H. (2024). Online Path Description Learning based on IMU Signals from IoT Devices. *IEEE Transactions on Mobile Computing (TMC)*, *23*(12), 11889–11906.

Park, J.-W., Huang, X., & Lee, C.-H. (2024). Analyzing and Predicting Job Failures from HPC System Log. *The Journal of Supercomputing*, *80*(1), 435–462.

Oh, S., Kong, J., Yang, Y., Jung, J., & Lee, C.-H. (2023). A Multi-Use Framework of Energy Storage Systems using Reinforcement Learning for Price-Based and Incentive-Based Demand Response Programs. *International Journal of Electrical Power and Energy Systems*, *144*, 1–11.

Oh, S., Jung, J., Onen, A., & Lee, C.-H. (2022). A Reinforcement Learning-based Demand Response Strategy Designed from the Aggregator's Perspective. *Frontiers in Energy Research*, *10*, 1–13.

Lee, C.-H., Kang, M., & Eun, D. Y. (2019). Non-Markovian Monte Carlo on Directed Graphs. *Proceedings of the ACM on Measurement and Analysis of Computing Systems (POMACS)*, *3*(1), 1–31.

Kwak, J., Lee, C.-H., & Eun, D. Y. (2016). A High-order Markov Chain Based Scheduling Algorithm for Low Delay in CSMA Network. *IEEE/ACM Transactions on Networking (ToN)*, *24*(4), 2278–2290.

Lee, C.-H., Kwak, J., & Eun, D. Y. (2016). Towards Distributed Optimal Movement Strategy for Data Gathering in Wireless Sensor Networks. *IEEE Transactions on Parallel and Distributed Systems (TPDS)*, *27*(2), 574–584.

Lee, C.-H., & Eun, D. Y. (2016). Exploiting Heterogeneity for Improving Forwarding Performance in Mobile Opportunistic Networks: An Analytic Approach. *IEEE Transactions on Mobile Computing (TMC)*, *15*(1), 150–162.

Lee, C.-H., & Eun, D. Y. (2013). On the Forwarding Performance under Heterogeneous Contact Dynamics in Mobile Opportunistic Networks. *IEEE Transactions on Mobile Computing (TMC)*, *12*(6), 1107–1119.

Kim, S., Lee, C.-H., & Eun, D. Y. (2010). Super-diffusive Behavior of Mobile Nodes and Its Impact on Routing Protocol Performance. *IEEE Transactions on Mobile Computing (TMC)*, *9*(2), 288–304.

Kim, S., Lee, C.-H., & Eun, D. Y. (2008). Super-diffusive Behavior of Mobile Nodes from GPS Traces. *ACM SIGMOBILE Mobile Computing and Communications Review*, *12*(1), 28–30.

3. Conference Proceedings:

a. Refereed Conference Proceedings:

Cornett, G., Vuong, M. P., & Lee, C.-H. (2026). Efficient Monte Carlo Algorithms for Approximating Katz Centrality on Large Graphs. In *Proceedings of the 19th ACM International Conference on Web Search and Data Mining (WSDM)* (pp. 1–5). ACM.

Additional Comments: Acceptance rate: 35%

Huang, X., Zhuo, W., Vuong, M. P., Li, S., Kim, J., Rees, B., & Lee, C.-H. (2025). SDT-GNN: Streaming-based Distributed Training Framework for Graph Neural Networks. In *Proceedings of 13th IEEE International Conference on Big Data (BigData)* (pp. 1–10). IEEE.

Additional Comments: Acceptance rate: 18.7%

Yu, Z., Wu, J., Wu, Z., Zhong, S., Su, W., Lee, C.-H., & Zhuo, W. (2025). TAMI: Taming Heterogeneity in Temporal Interactions for Temporal Graph Link Prediction. In *Proceedings of Advances in Neural Information Processing*

Systems 39: Annual Conference on Neural Information Processing Systems 2025 (NeurIPS 2025) (pp. 1–33).

Additional Comments: Acceptance rate: 24.52%

Doney, J., Huang, X., & Lee, C.-H. (2025). eIM: GPU-Accelerated Efficient Influence Maximization in Large-Scale Social Networks. In *Proceedings of the SC '25 Workshops of the International Conference for High Performance Computing, Networking, Storage and Analysis* (pp. 757–765). ACM.

Vuong, M. P., Lee, Y. J., Ojeda-Ruiz, I., & Lee, C.-H. (2025). FairAD: Computationally Efficient Fair Graph Clustering via Algebraic Distance. In *Proceedings of the 34th ACM International Conference on Information and Knowledge Management (CIKM)* (pp. 2935–2944). ACM.

Additional Comments: Acceptance rate: 27.2%

Vuong, M. P., Lee, C.-H., & Eun, D. Y. (2025). Effective Delayed Patching for Transient Malware Control on Networks. In *Proceedings of 2025 IEEE 22nd International Conference on Mobile Ad-Hoc and Smart Systems (MASS)* (pp. 189–197). IEEE.

Additional Comments: Acceptance rate: 29.6%

Huang, X., & Lee, C.-H. (2025). Demystifying Distributed Training of Graph Neural Networks for Link Prediction. In *Proceedings of 2025 IEEE 45th International Conference on Distributed Computing Systems (ICDCS)* (pp. 199–209). IEEE.

Additional Comments: Acceptance rate: 19.66%

Li, S., Tang, K., Lim, J., Lee, C.-H., & Kim, J. (2023). Computational Storage for an Energy-Efficient Deep Neural Network Training System. In *Proceedings of Euro-Par 2023: Parallel Processing - 29th International Conference on Parallel and Distributed Computing* (pp. 1–15). Springer Lecture Notes in Computer Science.

Additional Comments: Acceptance rate: 29.87%

Zhuo, W., Chiu, K. H., Chen, J., Zhao, Z., Chan, S.-H., Ha, S., & Lee, C.-H. (2023). FIS-ONE: Floor Identification System with One Label for Crowdsourced RF Signals. In *Proceedings of 2023 IEEE 43rd International Conference on Distributed Computing Systems (ICDCS)* (pp. 1–11). IEEE.

Additional Comments: Acceptance rate: 18.9%

Li, S., Huang, X., Lee, C.-H., & Eun, D. Y. (2023). Controlling Epidemic Spread under Immunization Delay Constraints. In *Proceedings of IFIP International Conference on Networking (Networking)* (pp. 1–9). IFIP.

Additional Comments: Acceptance rate: 27.89%

Chen, J., Kao, S., He, H., Zhuo, W., Wen, S., Lee, C.-H., & Chan, S.-H. (2023). Run, Don't Walk: Chasing Higher FLOPS for Faster Neural Networks. In *Proceedings of IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)* (pp. 12021–12031). IEEE/CVF.

Additional Comments: Acceptance Rate: 25.78%

Zhuo, W., Chiu, K. H., Chen, J., Tan, J., Sumpena, E., Chan, S.-H., … Lee, C.-H. (2023). Semi-supervised Learning with Network Embedding on Ambient RF Signals for Geofencing Services. In *Proceedings of 2023 IEEE 39th International Conference on Data Engineering (ICDE)* (pp. 1–14). IEEE.

Huang, X., Kim, J., Rees, B., & Lee, C.-H. (2022). Characterizing the Efficiency of Graph Neural Network Frameworks with a Magnifying Glass. In *Proceedings of 2022 IEEE International Symposium on Workload Characterization (IISWC)* (pp. 160–170). IEEE.

Zhuo, W., Zhao, Z., Chiu, K. H., Li, S., Ha, S., Lee, C.-H., & Chan, S.-H. (2022). GRAFICS: Floor Identification based on Directed Graph Embedding using Crowdsourced RF Signals. In *Proceedings of 2022 IEEE 42nd International Conference on Distributed Computing Systems (ICDCS)* (pp. 1051–1061). IEEE.

Additional Comments: Acceptance Rate: 19.9%

Li, S., Huang, X., & Lee, C.-H. (2021). An Efficient and Scalable Algorithm for Estimating Kemeny's Constant of a Markov Chain on Large Graphs. In *Proceedings of the 27th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD)* (pp. 964–974). ACM.

Additional Comments: Acceptance Rate: 15.44%

Li, S., Huang, X., & Lee, C.-H. (2021). Estimating Distributions of Large Graphs from Incomplete Sampled Data. In *Proceedings of IFIP International Conference on Networking (Networking)* (pp. 1–9). IFIP.

Additional Comments: Acceptance Rate: 25.9%

Li, S., Lee, C.-H., & Eun, D. Y. (2020). Trapping Malicious Crawlers in Social Networks. In *Proceedings of the 29th ACM International Conference on Information and Knowledge Management (CIKM)* (pp. 775–784). ACM.

Additional Comments: Acceptance Rate: 20.97%

Kwon, Y.-W., Ahn, J.-K., Lee, J., & Lee, C.-H. (2020). Earthquake Early Warning using Low-Cost MEMS Sensors. In *Proceedings of IEEE International Geoscience and Remote Sensing Symposium (IGARSS)* (pp. 6635–6637). IEEE.

Huang, X., Lee, J., Kwon, Y.-W., & Lee, C.-H. (2020). CrowdQuake: A Networked System of Low-Cost Sensors for Earthquake Detection via Deep Learning. In *Proceedings of the 26th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD)* (pp. 3261–3271). ACM.

Additional Comments: Acceptance Rate: 16%

Lee, C.-H., Tenneti, S., & Eun, D. Y. (2019). Transient Dynamics of Epidemic Spreading and Its Mitigation on Large Networks. In *Proceedings of the Twentieth ACM International Symposium on Mobile Ad Hoc Networking and Computing (MobiHoc)* (pp. 191–200). ACM.

Additional Comments: Acceptance Rate: 23.71%

Lee, C.-H., Kang, M., & Eun, D. Y. (2019). Non-Markovian Monte Carlo on Directed Graphs. In *Proceedings of the 2019 ACM SIGMETRICS International Conference on Measurement and Modeling of Computer Systems (SIGMETRICS)* (pp. 95–96). ACM.

Additional Comments: Acceptance Rate: 15.77%

Xu, X., Lee, C.-H., & Eun, D. Y. (2017). Challenging the Limits: Sampling Online Social Networks with Cost Constraints. In *Proceedings of IEEE Conference on Computer Communications (INFOCOM)* (pp. 1–9). IEEE.

Additional Comments: Acceptance Rate: 20.93%

Lee, C.-H., Xu, X., & Eun, D. Y. (2017). On the Rao-Blackwellization and Its Application for Graph Sampling via Neighborhood Exploration. In *Proceedings of IEEE Conference on Computer Communications (INFOCOM)* (pp. 1–9). IEEE.

Additional Comments: Acceptance Rate: 20.93%

Lee, C.-H., & Eun, D. Y. (2015). On the Efficiency-Optimal Markov Chains for Distributed Networking Applications. In *Proceedings of IEEE Conference on Computer Communications (INFOCOM)* (pp. 1840–1848). IEEE.

Additional Comments: Acceptance Rate: 19.3%

Xu, X., Lee, C.-H., & Eun, D. Y. (2014). A General Framework of Hybrid Graph Sampling for Complex Network Analysis. In *Proceedings of IEEE Conference on Computer Communications (INFOCOM)* (pp. 2795–2803). IEEE.

Additional Comments: Acceptance Rate: 19.45%

Kwak, J., Lee, C.-H., & Eun, D. Y. (2014). A High-order Markov Chain Based Scheduling Algorithm for Low Delay in CSMA Networks. In *Proceedings of IEEE Conference on Computer Communications (INFOCOM)* (pp. 1662–1670). IEEE.

Additional Comments: Acceptance Rate: 19.45%

Kwak, J., Lee, C.-H., & Eun, D. Y. (2013). Exploiting the Past to Reduce Delay in CSMA Scheduling: A High-order Markov Chain Approach. In *Proceedings of the 2013 ACM SIGMETRICS International Conference on Measurement and Modeling of Computer Systems (SIGMETRICS)* (pp. 353–354). ACM.

Additional Comments: Acceptance Rate: 27.55%

Lee, C.-H., Kwak, J., & Eun, D. Y. (2013). Characterizing Link Connectivity for Opportunistic Mobile Networking: Does Mobility Suffice? In *Proceedings of IEEE Conference on Computer Communications (INFOCOM)* (pp. 2076–2084). IEEE.

Additional Comments: Acceptance Rate: 17.35%

Lee, C.-H., Eun, D. Y., Yun, S.-Y., & Yi, Y. (2012). From Glauber Dynamics to Metropolis Algorithm: Smaller Delay in Optimal CSMA. In *Proceedings of IEEE International Symposium on Information Theory (ISIT)* (pp. 2681–2685). IEEE.

Lee, C.-H., Xu, X., & Eun, D. Y. (2012). Beyond Random Walk and Metropolis-Hastings Samplers: Why You Should Not Backtrack for Unbiased Graph Sampling. In *Proceedings of the 2012 ACM SIGMETRICS International Conference on Measurement and Modeling of Computer Systems (SIGMETRICS)* (pp. 319–330). ACM.

Additional Comments: Acceptance Rate: 15.27%

Lee, C.-H., & Eun, D. Y. (2012). Toward Distributed Optimal Movement Strategy for Data Harvesting in Wireless Sensor Networks. In *Proceedings of the 9th Annual IEEE Communications Society Conference on Sensor, Mesh and Ad Hoc Communications and Networks (SECON)* (pp. 551–559). IEEE.

Additional Comments: Acceptance Rate: 19.4%

Lee, C.-H., & Eun, D. Y. (2011). Exploiting Heterogeneity to Prolong the Lifetime of Large-Scale Wireless Sensor Networks. In *Proceedings of IEEE International Conference on Communications (ICC)* (pp. 1–5). IEEE.

Lee, C.-H., & Eun, D. Y. (2011). Smart Sleep: Sleep More to Reduce Delay in Duty-Cycled Wireless Sensor Networks. In *Proceedings of IEEE Conference on Computer Communications (INFOCOM)* (pp. 611–615). IEEE.

Additional Comments: Acceptance Rate: 23.42%

Lee, C.-H., & Eun, D. Y. (2010). A Distributed Wake-up Scheduling for Opportunistic Forwarding in Wireless Sensor Networks. In *Proceedings of IEEE Global Communications Conference (GLOBECOM)* (pp. 1–5). IEEE.

Lee, C.-H., & Eun, D. Y. (2010). Exploiting Heterogeneity in Mobile Opportunistic Networks: An Analytic Approach. In *Proceedings of the Seventh Annual IEEE Communications Society Conference on Sensor, Mesh and Ad Hoc Communications and Networks (SECON)* (pp. 502–510). IEEE.

Additional Comments: Acceptance Rate: 21%

Lee, C.-H., & Eun, D. Y. (2009). Heterogeneity in Contact Dynamics: Helpful or Harmful to Forwarding Algorithms in DTNs? In *Proceedings of IEEE/IFIP International Symposium on Modeling and Optimization in Mobile, Ad-Hoc and Wireless Networks (WiOpt)* (pp. 1–10). IEEE/IFIP.

Cai, H., Lee, C.-H., & Eun, D. Y. (2008). Invariance Property of Isotropic Random Walk Mobility Patterns in Mobile Ad-Hoc Networks. In *Proceedings of IEEE International Conference on Communications (ICC)* (pp. 2141–2145). IEEE.

Lee, D., Lee, C.-H., & Kim, J. W. (2005). Seamless Media Streaming over Mobile IP-enabled Wireless LAN. In *Proceedings of IEEE Consumer Communications and Networking Conference (CCNC)* (pp. 116–121). IEEE.

Lee, C.-H., Lee, D., & Kim, J. (2004). Link-layer Assisted Seamless MPEG-4 Streaming over Mobile IP-enabled Wireless LAN. In *Proc. SPIE 5600, Multimedia Systems and Applications VII* (pp. 111–119). SPIE.

10. Other Works in Print:

arXiv preprints:

Li, S., Min, Y., Yie, H., Kim, H., Ahn, S., Sim, J., … Kim, J. (2025). *Accelerating Sparse Matrix-Matrix Multiplication on GPUs with Processing Near HBMs*.

arXiv preprint (pp. 1–13). Retrieved from https://arxiv.org/abs/2512.12036 https://arxiv.org/abs/2512.12036

Yu, Z., Wu, Z., Zhong, S., Su, W., Chan, S.-H., Lee, C.-H., & Zhuo, W. (2024). *M3-Impute: Mask-guided Representation Learning for Missing Value Imputation*. *arXiv preprint* (pp. 1–25). Retrieved from https://arxiv.org/abs/2410.08794 https://arxiv.org/abs/2410.08794

Huang, X., Zhuo, W., Vuong, M. P., Li, S., Kim, J., Rees, B., & Lee, C.-H. (2024). *CATGNN: Cost-Efficient and Scalable Distributed Training for Graph Neural Networks*. *arXiv preprint* (pp. 1–14). Retrieved from https://arxiv.org/abs/2404.02300 https://arxiv.org/abs/2404.02300

Lim, H., Kim, S., Sippe, J., Kim, J., White, G., Lee, C.-H., … Ha, S. (2022). *A Fresh Look at ECN Traversal in the Wild*. *arXiv preprint* (pp. 1–14). Retrieved from https://arxiv.org/abs/2208.14523 https://arxiv.org/abs/2208.14523

B. Works Not in Print:

1. Papers Presented at Professional Meetings:

Lee, C.-H., Thirty-Ninth Annual Conference on Neural Information Processing Systems (NeurIPS 2025), "TAMI: Taming Heterogeneity in Temporal Interactions for Temporal Graph Link Prediction," San Diego, CA, United States. (December 4, 2025).

Lee, C.-H., 34th ACM International Conference on Information and Knowledge Management (CIKM 2025), "FairAD: Computationally Efficient Fair Graph Clustering via Algebraic Distance," Seoul, South Korea. (November 11, 2025).

Lee, C.-H., 45th IEEE International Conference on Distributed Computing Systems (ICDCS 2025), "Demystifying Distributed Training of Graph Neural Networks for Link Prediction," Glasgow, Scotland. (July 22, 2025).

Lee, C.-H., IFIP International Conference on Networking (Networking), "Controlling Epidemic Spread Under Immunization Delay Constraints," Barcelona, Spain. (June 2023).

Lee, C.-H., ACM International Symposium on Mobile Ad Hoc Networking and Computing (MobiHoc), "Transient Dynamics of Epidemic Spreading and Its Mitigation on Large Networks," Catania, Italy. (July 2019).

Lee, C.-H., ACM SIGMETRICS International Conference on Measurement and Modeling of Computer Systems (SIGMETRICS), "Non-Markovian Monte Carlo on Directed Graphs," Phoenix, AZ, United States. (June 2019).

Lee, C.-H., IEEE Conference on Computer Communications (INFOCOM), "On the Rao-Blackwellization and Its Application for Graph Sampling via Neighborhood Exploration," Atlanta, GA, United States. (May 2017).

Lee, C.-H., IEEE Conference on Computer Communications (INFOCOM), "Characterizing Link Connectivity for Opportunistic Mobile Networking: Does Mobility Suffice?," Turin, Italy. (April 2013).

Lee, C.-H., IEEE International Symposium on Information Theory (ISIT), "From Glauber Dynamics to Metropolis Algorithm: Smaller Delay in Optimal CSMA," Cambridge, MA, United States. (July 2012).

Lee, C.-H., ACM SIGMETRICS International Conference on Measurement and Modeling of Computer Systems (SIGMETRICS), "Beyond Random Walk and Metropolis-Hastings Samplers: Why You Should Not Backtrack for Unbiased Graph Sampling," London, United Kingdom. (June 2012).

Lee, C.-H., IEEE Communications Society Conference on Sensor, Mesh and Ad Hoc Communications and Networks (SECON), "Toward Distributed Optimal Movement Strategy for Data Harvesting in Wireless Sensor Networks," Seoul, South Korea. (June 2012).

Lee, C.-H., IEEE International Conference on Communications (ICC), "Exploiting Heterogeneity to Prolong the Lifetime of Large-Scale Wireless Sensor Networks," Kyoto, Japan. (June 2011).

Lee, C.-H., IEEE Global Communications Conference (GLOBECOM), "A Distributed Wake-up Scheduling for Opportunistic Forwarding in Wireless Sensor Networks," Miami, FL, United States. (December 2010).

Lee, C.-H., IEEE Communications Society Conference on Sensor, Mesh and Ad Hoc Communications and Networks (SECON), "Exploiting Heterogeneity in Mobile Opportunistic Networks: An Analytic Approach," Boston, MA, United States. (June 2010).

Lee, C.-H., IEEE/IFIP International Symposium on Modeling and Optimization in Mobile, Ad-Hoc and Wireless Networks (WiOpt), "Heterogeneity in Contact Dynamics: Helpful or Harmful to Forwarding Algorithms in DTNs?," Seoul, South Korea. (June 2009).

Lee, C.-H., IEEE Consumer Communications and Networking Conference (CCNC), "Seamless Media Streaming over Mobile IP-enabled Wireless LAN," Las Vegas, NV, United States. (January 2005).

2. Invited Talks, Lectures, and Presentations:

Lee, C.-H., Florida Tech Computer Science Seminar, "Efficient Large-Scale Graph Neural Network Training," Florida Tech, Online. (November 21, 2025).

Lee, C.-H., Invited Seminar, "Efficient Large-Scale Graph Neural Network Training," Electronics and Telecommunications Research Institute, Online. (November 6, 2025).

Lee, C.-H., CADS Fall 2024 ExpandAI Catalyst Seminar Series, "Scalable and Efficient Fair Graph Clustering," Texas State Center for Analytics and Data Science, Texas State University, San Marcos, TX, United States. (November 1, 2024).

Lee, C.-H., SyDATA 2022, "Learning with IoT Devices and Sensors," Texas State University, San Marcos, TX, United States. (September 30, 2022).

Lee, C.-H., 21st KOCSEA Technical Symposium, "Transient Dynamics of Epidemic Spreading and Its Mitigation on Large Networks," Hybrid (University of Nevada, Las Vegas, and Online), Las Vegas, NV, United States. (November 2021).

Lee, C.-H., Florida Tech Computer Science Seminar, "Understanding Structural Properties of and Dynamic Processes on Large-Scale Networks," Hybrid (Florida Institute of Technology and Online), Melbourne, FL, United States. (November 2021).

Lee, C.-H., "Deep Learning for Earthquake Detection using Low-Cost MEMS Sensors," Gwangju Institute of Science and Technology (GIST), Gwangju, South Korea. (September 2019).

Lee, C.-H., 4th International Conference on Earthquake Early Warning, "Deep Learning for Earthquake Detection using Low-Cost MEMS Sensors," Seoul, South Korea. (September 2019).

Lee, C.-H., Florida Tech President's Research Briefing, "Data Analytics and Systems, and Network Security," Melbourne, FL, United States. (April 2019).

Lee, C.-H., "Efficient Graph Sampling for Estimation and Inference of Massive Networks," Kyungpook National University, Daegu, South Korea. (April 2017).

5. Other Works not in Print:

c. Other Works Not in Print:

Posters:

Lee, C.-H., Health Scholar Showcase 2024, "Controlling Epidemic Spread Under Immunization Delay Constraints," Texas State Translational Health Research Center, San Marcos, TX, United States. (March 1, 2024).

Patents:

Kim, Jin-Hyoung, Lee, Chul-Ho, Xu, Jiangwei, Singh, Krishna M, Lee, Jin-Ho. "Device and method for receiving streaming service data in mobile communication system supporting plurality of radio access interfaces". United States. Number / ID: US 11,252,595 B2. (Date Awarded: 2022).

Lee, Chul-Ho, Ganapathy, Namasivayam R, Kim, Jin-Hyoung, Park, Yongseok, Lee, Jin-Ho. "Streaming service data receiving device and method in mobile communication system for supporting plurality of radio access interfaces". United States. Number / ID: US 11,159,594 B2. (Date Awarded: 2021).

Kim, Jin-Hyoung, Lee, Chul-Ho, Xu, Jiangwei, Lee, Jin-Ho. "Device and method for accessing multiple networks in wireless communication system". United States. Number / ID: US 10,785,713 B2. (Date Awarded: 2020).

Kim, Jin-Hyoung, Lee, Chul-Ho, Xu, Jiangwei, Singh, Krishna M, Lee, Jin-Ho. "Device and method for receiving streaming service data in mobile communication system supporting plurality of radio access interfaces". United States. Number / ID: US 10,728,792 B2. (Date Awarded: 2020).

Lee, Hyun-Joo, Lee, Chul-Ho, Kim, Jin-Hyoung, Park, Yongseok, Lee, Jin-Ho, Choi, Joon-Young. "Apparatus and method for uploading data in mobile communication system supporting a plurality of radio access interfaces". United States. Number / ID: US 10,356,000 B2. (Date Awarded: 2019).

Go, Yun-Min, Song, Hwang-Jun, Kwon, Oh-Chan, Park, Yongseok, Byun, Do-Jun, Lee, Chul-Ho. "Method and apparatus for HTTP adaptive

streaming in wireless network environment". United States. Number / ID: US 10,111,171 B2. (Date Awarded: 2018).

Park, Se-Yong, Bahk, Sae-Woong, Joo, Chang-Hee, Park, Yongseok, Byun, Do-Jun, Lee, Chul-Ho. "Apparatus and method for controlling data flow in communication system". United States. Number / ID: US 10,057,147 B2. (Date Awarded: 2018).

Park, Yongseok, Kim, Hwangnam, Lee, Chul-Ho, Kim, Min, Kim, Hyunsoon, Lee, Woonghee, Lee, Joon Yeop. "Method and apparatus for selecting power preference information in a wireless communication system network". United States. Number / ID: US 9,949,208 B2. (Date Awarded: 2018).

Park, Yongseok, Kim, Hwangnam, Lee, Chul-Ho, Kim, Min, Kim, Hyunsoon, Lee, Woonghee, Lee, Joon Yeop. "Method and apparatus of allocating resources for terminal in wireless communication system". United States. Number / ID: US 9,913,280 B2. (Date Awarded: 2018).

D. Scholarly / Creative Fellowships, Awards, Honors:

Award / Honor Recipient: College Achievement Award for Excellence in Scholarly/Creative Activities, College of Science and Engineering, Texas State University.
October 2024

Award / Honor Recipient: CADS Innovation Seed Award, Texas State Center for Analytics and Data Science.
January 2024

Award / Honor Recipient: Applied Research Accelerator Award, NVIDIA Corporation.
March 2022

Award / Honor Nominee: Best Paper Award, ACM International Symposium on Mobile Ad Hoc Networking and Computing (MobiHoc 2019).
July 2019

Award / Honor Recipient: Student Travel Grant Award, ACM SIGMETRICS International Conference on Measurement and Modeling of Computer Systems (SIGMETRICS 2012).
June 2012

Award / Honor Recipient: Student Travel Grant Award, IEEE Communications Society Conference on Sensor, Mesh and Ad Hoc Communications and Networks (SECON 2012).
June 2012

Award / Honor Recipient: Student Travel Grant Award, IEEE International Conference on Communications (ICC 2011).
June 2011

IV. SERVICE

A. Institutional

2. College:

Member, Math Faculty Search Committee. (2025 - 2026).

3. Department/School:

Member, Comprehensive Exam Committee. (2025 - Present).

Member, Personnel Committee. (2025 - Present).

Member, Policy and Procedure Committee. (2024 - Present).

Member, PhD Program Committee. (2022 - Present).

Member, Faculty Search Committee. (2025 - 2026).

Member, Systems Administrator II Search Committee. (2025 - 2026).

Member, Academic Budget Specialist Search Committee. (2022 - 2023).

Member, Library Committee. (2021 - 2022).

B. Professional:

Editorial Review Board Member, Elsevier Computer Communications. (2015 - Present).

Member, Program Committee, ACM International Symposium on Theory, Algorithmic Foundations, and Protocol Design for Mobile Networks and Mobile Computing (MobiHoc). (2026).

Member, Program Committee, IEEE Conference on Computer Communications (INFOCOM). (2026).

Member, Program Committee, IEEE/IFIP International Symposium on Modeling and Optimization in Mobile, Ad-Hoc and Wireless Networks (WiOpt). (2026).

Member, Program Committee, Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD). (2026).

Co-Chair, Ph.D. Forum, IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks (WoWMoM). (2025).

Member, Program Committee, ACM First International Workshop on Analytics, Telemetry, and Cybersecurity for HPCC (WATCH). (2025).

Member, Program Committee, ACM International Symposium on Theory, Algorithmic Foundations, and Protocol Design for Mobile Networks and Mobile Computing (MobiHoc). (2025).

Member, Program Committee, ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD). (2025).

Member, Program Committee, IEEE Conference on Computer Communications (INFOCOM). (2025).

Member, Program Committee, IEEE/IFIP International Symposium on Modeling and Optimization in Mobile, Ad-Hoc and Wireless Networks (WiOpt). (2025).

Member, Program Committee, Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD). (2025).

Member, Program Committee, SIAM International Conference on Data Mining (SDM). (2025).

Reviewer / Referee, Future Generation Computer Systems. (2025).

Reviewer / Referee, IEEE Transactions on Mobile Computing. (2025).

Editor, IEEE Transactions on Network Science and Engineering. (2023 - 2025).

Session Chair, 34th ACM International Conference on Information and Knowledge Management (CIKM 2025), Seoul, South Korea. (November 13, 2025).

Session Chair, 45th IEEE International Conference on Distributed Computing Systems (ICDCS 2025), Glasgow, Scotland. (July 23, 2025).

Co-Chair, Algorithms & Theory Track, IEEE International Conference on Mobile Ad-Hoc and Smart Systems (MASS). (2024).

Member, Program Committee, ACM International Symposium on Theory, Algorithmic Foundations, and Protocol Design for Mobile Networks and Mobile Computing (MobiHoc). (2024).

Member, Program Committee, ACM International Workshop on System and Network Telemetry and Analytics (SNTA). (2024).

Member, Program Committee, ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD). (2024).

Member, Program Committee, IEEE Conference on Computer Communications (INFOCOM). (2024).

Member, Program Committee, IEEE International Conference on Data Mining (ICDM). (2024).

Member, Program Committee, IEEE/IFIP International Symposium on Modeling and Optimization in Mobile, Ad-Hoc and Wireless Networks (WiOpt). (2024).

Member, Program Committee, Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD). (2024).

Member, Program Committee, SIAM International Conference on Data Mining (SDM). (2024).

Reviewer / Referee, ETRI Journal. (2024).

Reviewer / Referee, U.S. Army Research Office. (2024).

Member, Program Committee, ACM International Symposium on Theory, Algorithmic Foundations, and Protocol Design for Mobile Networks and Mobile Computing (MobiHoc). (2023).

Member, Program Committee, ACM International Workshop on System and Network Telemetry and Analytics (SNTA). (2023).

Member, Program Committee, ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD). (2023).

Member, Program Committee, IEEE Conference on Computer Communications (INFOCOM). (2023).

Member, Program Committee, IEEE International Conference on Data Mining (ICDM). (2023).

Member, Program Committee, IEEE/IFIP International Symposium on Modeling and Optimization in Mobile, Ad-Hoc and Wireless Networks (WiOpt). (2023).

Member, Program Committee, SIAM International Conference on Data Mining (SDM). (2023).

Publication Chair, Organizing Committee, IEEE/IFIP International Symposium on Modeling and Optimization in Mobile, Ad-Hoc and Wireless Networks (WiOpt). (2023).

Reviewer / Referee, IEEE Transactions on Network Science and Engineering. (2023).

Editor, Frontiers in Energy Research - Smart Grids. (2022).

Finance Chair, Organizing Committee, IEEE International Symposium on Workload Characterization (IISWC). (2022).

Member, Program Committee, ACM International Symposium on Theory, Algorithmic Foundations, and Protocol Design for Mobile Networks and Mobile Computing (MobiHoc). (2022).

Member, Program Committee, ACM International Workshop on System and Network Telemetry and Analytics (SNTA). (2022).

Member, Program Committee, ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD). (2022).

Member, Program Committee, IEEE Conference on Computer Communications (INFOCOM). (2022).

Member, Program Committee, IEEE International Conference on Data Mining (ICDM). (2022).

Member, Program Committee, IEEE/IFIP International Symposium on Modeling and Optimization in Mobile, Ad-Hoc and Wireless Networks (WiOpt). (2022).

Member, Program Committee, SIAM International Conference on Data Mining (SDM). (2022).

Reviewer / Referee, IEEE Transactions on Network Science and Engineering. (2022).

Reviewer / Referee, IEEE/ACM Transactions on Networking. (2022).

Member, Program Committee, ACM International Symposium on Theory, Algorithmic Foundations, and Protocol Design for Mobile Networks and Mobile Computing (MobiHoc). (2021).

Member, Program Committee, ACM International Workshop on System and Network Telemetry and Analytics (SNTA). (2021).

Member, Program Committee, IEEE Conference on Computer Communications (INFOCOM). (2021).

Member, Program Committee, IEEE/IFIP International Symposium on Modeling and Optimization in Mobile, Ad-Hoc and Wireless Networks (WiOpt). (2021).

Reviewer / Referee, IEEE/ACM Transactions on Networking. (2021).

Member, Program Committee, ACM International Symposium on Theory, Algorithmic Foundations, and Protocol Design for Mobile Networks and Mobile Computing (MobiHoc). (2020).

Member, Program Committee, ACM International Workshop on System and Network Telemetry and Analytics (SNTA). (2020).

Member, Program Committee, IEEE Conference on Computer Communications (INFOCOM). (2020).

Member, Program Committee, IEEE/IFIP International Symposium on Modeling and Optimization in Mobile, Ad-Hoc and Wireless Networks (WiOpt). (2020).

Reviewer / Referee, IEEE Transactions on Information Forensics and Security. (2020).

Reviewer / Referee, International Journal of Big Data Intelligence. (2020).

Member, Program Committee, ACM International Symposium on Mobile Ad Hoc Networking and Computing (MobiHoc). (2019).

Member, Program Committee, IEEE Conference on Computer Communications (INFOCOM). (2019).

Member, Program Committee, IEEE/ACM International Conference on Mobile Software Engineering and Systems (MOBILESoft) - Visions Track. (2019).

Member, Program Committee, IEEE/IFIP International Symposium on Modeling and Optimization in Mobile, Ad-Hoc and Wireless Networks (WiOpt). (2019).

Reviewer / Referee, IEEE Transactions on Computational Social Systems. (2019).

Reviewer / Referee, IEEE Transactions on Network Science and Engineering. (2019).

Reviewer / Referee, IEEE/ACM Transactions on Networking. (2019).

Reviewer / Referee, IEEE/CAA Journal of Automatica Sinica. (2019).

Member, Program Committee, IEEE Conference on Computer Communications (INFOCOM). (2018).

Member, Program Committee, IEEE/IFIP International Symposium on Modeling and Optimization in Mobile, Ad-Hoc and Wireless Networks (WiOpt). (2018).

Reviewer / Referee, IEEE Access. (2018).

Reviewer / Referee, IEEE Internet of Things Journal. (2018).

Member, Program Committee, IEEE Conference on Computer Communications (INFOCOM). (2017).

Member, Program Committee, IEEE/ACM International Conference on Mobile Software Engineering and Systems (MOBILESoft) - ACM Student Research Competition. (2017).

Reviewer / Referee, IEEE Transactions on Cybernetics. (2017).

Reviewer / Referee, IEEE Transactions on Mobile Computing. (2017).

Reviewer / Referee, IEEE/ACM Transactions on Networking. (2017).

Member, Program Committee, IEEE International Conference on Sensing, Communication and Networking (SECON). (2016).

Member, Program Committee, IEEE/ACM International Conference on Mobile Software Engineering and Systems (MOBILESoft) - ACM Student Research Competition. (2016).

Reviewer / Referee, Elsevier Computer Networks. (2016).

Reviewer / Referee, IEEE Transactions on Mobile Computing. (2016).

Reviewer / Referee, Springer Annals of Telecommunications. (2016).

Member, Program Committee, IEEE/ACM International Conference on Mobile Software Engineering and Systems (MOBILESoft) - ACM Student Research Competition. (2015).

Reviewer / Referee, IEEE Communications Letters. (2015).

Reviewer / Referee, IEEE Transactions on Mobile Computing. (2015).

Reviewer / Referee, IEEE/ACM Transactions on Networking. (2015).

Member, Program Committee, ACM International Workshop on Foundations of Mobile Computing (FOMC). (2014).

D. Organization Memberships:

Association for Computing Machinery (ACM). (2019 - Present).

Institute of Electrical and Electronics Engineers (IEEE). (2013 - Present).

E. Service Honors and Awards:

Award / Honor Recipient: Distinguished Member of the INFOCOM 2026 Technical Program Committee, IEEE Communications Society.
December 2025

Award / Honor Recipient: Best Reviewer Award, 30th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD 2024).
August 2024

Additional Comments: 30 out of 2619

Award / Honor Recipient: Distinguished Member of the INFOCOM 2023 Technical Program Committee, IEEE Communications Society.
April 2023

Award / Honor Recipient: Distinguished Member of the INFOCOM 2022 Technical Program Committee, IEEE Communications Society.
February 2022

Award / Honor Recipient: Distinguished Member of the INFOCOM 2021 Technical Program Committee, IEEE Communications Society.
February 2021

Award / Honor Recipient: Distinguished Member of the INFOCOM 2020 Technical Program Committee, IEEE Communications Society.
April 2020

Award / Honor Recipient: Distinguished Member of the INFOCOM 2019 Technical Program Committee, IEEE Communications Society.
February 2019

Award / Honor Recipient: Distinguished Member of the INFOCOM 2018 Technical Program Committee, IEEE Communications Society.
January 2018