

1. **Name:** Korporn Panyim

2. **Education – degree, discipline, institution, year:**

Ph.D.	Telecommunications and Networking	University of Pittsburgh USA	2010
M.Sc.	Telecommunications	University of Pittsburgh USA	2003
B.Eng.	Computer Engineering	Chulalongkorn University Thailand	2000

3. **Academic experience:**

Mahidol University, Thailand

Assistance Professor of Electrical Engineering	2018 – Present (Full-time)
Lecture of Electrical Engineering	2003 – 2018 (Full-time)

4. **Non-academic experience:**

The Siam Commercial Bank, Thailand

Network Engineer	2000 – 2001 (Full-time)
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5. **Certifications or professional registrations:**

- AdvanceHE: Understanding the UKPSF and Fellowship Online Workshops, May 2021
- Improving Online Teaching and Learning: Practical Workshops for Academics, Macquarie University, August 2020
- TOGAF Advance and Foundation Courses 2019

6. **Publications:**

Journal (Selected)

K. Panyim and P. Krishnamurthy, "A Hybrid Key Predistribution Scheme for Sensor Networks Employing Spatial Retreats to Cope with Jamming Attacks", *ACM/Springer Mobile Networks & Applications*, 2012

Conference Proceeding (Selected)

S. K. Wijayasekara, M. Saadi, T. Sriprasert, P. Sasithong, **K. Panyim**, M. Pengnoo, L. Wuttisittikulij, "An Efficient ALOHA Based Collision Resolution Algorithm for RFID," *2020 International Conference on Electronics, Information, and Communication (ICEIC)*, Barcelona, Spain, 2020, pp. 1-4, doi: 10.1109/ICEIC49074.2020.9051190.

K. Suwandhada and **K. Panyim**, "ALEACH-Plus: An Energy Efficient Cluster Head Based Routing Protocol for Wireless Sensor Network," 2019 7th International Electrical Engineering Congress (iEECON), Hua Hin, Thailand, 2019, pp. 1-4.

K. Suwandhada and K. Panyim, "Hybrid-ALEACH-Plus: Hybrid-Advance-Low Energy Adaptive Clustering Hierarchy for Wireless Sensor Network," 2019 Joint International Conference on Digital Arts, Media and Technology with ECTI Northern Section Conference on Electrical, Electronics, Computer and

Telecommunications Engineering (ECTI DAMT-NCON), Nan, Thailand, 2019, pp. 109-113.

- P. Sedtheetorn and K. Panyim, "Accurate uplink spectral efficiency for non orthogonal multiple access in Nakagami fading," 2016 13th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI-CON), Chiang Mai, 2016, pp. 1-4.
- K. Panyim, P. Krishnamurthy, and A. Le, "Secure Connectivity through Key Predistribution with Directional Antennas to Cope with Jamming in Sensor Networks", International Symposium on Intelligent Signal Processing and Communication Systems (ISPACS 2013), Naha, Okinawa, Japan, 2013, pp. 471-475.
- K. Panyim, P. Krishnamurthy, and A. Le, "On Secure Connectivity with Adjusting Power to Cope with Jamming in Sensor Networks", International Symposium on Intelligent Signal Processing and Communication Systems (ISPACS 2013), Naha, Okinawa, Japan, 2013, pp. 476-480.