

ผลงานวิจัยที่ได้รับการตีพิมพ์เผยแพร่

1 วารสารวิชาการนานาชาติ (International Journal)

1. **Supachai Phaiboon**, Pisit Phokharatkul and Suripon Somkurnpanit “New upper and lower bounds line of sight path loss model for mobile propagation in building” International Journal of Electronics and Communications, ISI Impact Factor 0.339 (Accepted)

2 วารสารประชุมวิชาการนานาชาติ (International Conference Proceeding)

1. **S. Phaiboon**, P. Phokharatkul, and S. Somkurnpanit “ Propagation-Path Losses Characterization for 800 MHz Cellular Communication in Bangkok “ IEEE Regional 10 Int. Conf. Multimedia Technology for Asia – Pacific Information Infrastructure, Chuju – korea, September 15 – 17 , 1999
2. **S. Phaiboon**, P. Phokharatkul, and S. Somkurnpanit “Indoor Path Loss Prediction Models by Linear Regression and Neural Network” Int. Conf. On Robotics, Vision, Information and Signal Processing, Penang, Malaysia, 22 – 24 January 2003.
3. **S. Phaiboon**, and S. Somkurnpanit “ Statistical Indoor Path Loss Models Using Fuzzy Regression and Least Squares Regression” 2003 Asia Pacific Microwave Conference, Seoul, Korea, 4 – 7 November 2003
4. **S. Phaiboon** , P. Phokharatkul and S. Somkurnpanit “ Adaptive Neuro-Fuzzy Inference Systems for Indoor Propagation Prediction” ICCAS2004 August 25-27 ,2004 The Shangri-La Hotel, Bangkok, Thailand, pp.1865-1869.
5. **Supachai Phaiboon**, Pisit Phokharatkul, and Suripon Somkurnpanit, “Break point distance LOS path loss model for indoor communication systems” The IASTE International Conference on Communication Systems, Novosibirsk, Russia, June 20-24, 2005, pp. 45-50.
6. **S. Phaiboon**, P. Phokharatkul, and S. Somkurnpanit “Indoor Path Loss Prediction Models by Linear Regression and Neural Network” Int. Conf. On Robotics, Vision, Information and Signal Processing, Penang, Malaysia, 22 – 24 January 2005.
7. **Supachai Phaiboon**, Pisit Phokharatkul, Suripon Somkurnpanit and Sitchai Boonpiyathud “Upper-and Lower-Bound Path-Loss Modeling for Indoor Line-of-Sight Environments ” Asia Pacific Micro Wave Conference (APMC 2005) Dec 4-7, 2005, Suzhou, China.