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Education:

2000 Ph.D (Electrical and Computer Engineering), University of Massachusetts, Amherst, USA
1996 MS. (Computer Engineering), University of Southern California, Los Angeles, USA
1990 B.Eng. (Electrical Engineering), Prince of Songkla University, Had Yai, Thailand
1986 Primary-High School, Saint Gabriel's College, Bangkok, Thailand

Professional Experience:

2006-current Associate Professor, Computer Engineering Dept., Kasetsart University, Thailand
2002-2006 Assistant Professor, Computer Engineering Dept., Kasetsart University, Thailand
2000-2002 Lecturer, Computer Engineering Department, Kasetsart University, Thailand
1991-1994 Engineer in Engineering Department, Nawaloha Industry Co.,Ltd., Thailand
1990-1991 Reliability Engineer, Advanced Micro Devices, AMD(Thailand)

Management Experience:

2014-Current Head, Computer Engineering Dept., Kasetsart University, Thailand
2012-2014 Assistant to the Vice President for Information Technology, Kasetsart University, Thailand
2007-2009 Deputy Director, Office of Computer Services, Kasetsart University, Thailand
2001-2007 Assistant Director, Office of Computer Services, Kasetsart University, Thailand

Awards:

2010 Best Academic Officer for Engineering Faculty - Teaching Award 2010, Kasetsart University, Thailand
1998-1999 Outstanding Graduate Teaching Assistance Award, ECE Dept., UMass, Amherst
1999-2000 Outstanding Graduate Teaching Assistance Award, ECE Dept., UMass, Amherst

Research Interests:

Wireless Local Area Network; WLAN Protocol design and analysis; Data communications and Computer Networks

Selected Publications:

- Jaikao C., **Phonphoem A.**, Jansang A., Tiwatthanont P., Tangtrongpaijoj W., Soralump S. and Torwiwat W. "Landslide Monitoring and Assessment System using Low-Cost Wireless Communication", The Sixth Conference of The Asia Pacific Association of Hydrology and Water Resources. "Climate Change and Water Security - APHW 2013". Hana square, Korea University, Seoul, Korea. August 19-21, 2013.
- Aphirak Jansang and **Anan Phonphoem***, "A Simple Analytical Model for Expected Frame Waiting Time Evaluation in IEEE 802.11e HCCA Mode", Wireless Personal Communications, April 2013, Volume 69, Issue 4, pp 1899-1924. doi:10.1007/s11277-012-0670-y.
- Withawat Tangtrongpairoj, Aphirak Jansang, and **Anan Phonphoem***, "Ripple algorithm: An LTE load balance mechanism with distributed and heuristic approach," 10th International Joint Conference on Computer Science and Software Engineering, JCSSE 2013, Mahasarakham University, Khan Kaen, Thailand, May 29-31, pp. 111-115, 2013
- Aphirak Jansang and **Anan Phonphoem***, "Adjustable TXOP mechanism for supporting video transmission in IEEE 802.11e HCCA", EURASIP Journal on Wireless Communications and Networking 2011, 2011:158 doi:10.1186/1687-1499-2011-158.
- Jansang, Aphirak; **Phonphoem, Anan**; Paillassa, Béatrice, "Analytical Model for Expected Packet Delay Evaluation in IEEE 802.11e," IEEE Communications and Mobile Computing, 2009. CMC '09. WRI International Conference on, Volume 2, 6-8 Jan. 2009 Page(s):344 - 348