

Asst. Prof. Pitiporn Pakdeepinit

St. Thomas Aquinas Award for Research (Third Class)

Citation:

Asst. Prof. Pitiporn Pakdeepinit received her B.S. in Information Technology from Assumption University in 1997 and M.S. in Telecommunications Science from Assumption University in 2001. In 2002, she became one of a very few certified Cisco instructors of Thailand, who passed the certification program of this world leading Telecommunication company. In the same year, 2002, she also received an award in recognition of her outstanding contribution to the Cisco Networking Academy Program Asia Pacific. With her outstanding performance, especially in the field of Telecommunications Science, she was selected to be the main instructor of the very first Cisco Networking Academy Program of the country, which is located in Assumption University.

In the light of research in her field, Asst. Prof. Pitiporn Pakdeepinit has 7 research papers published in various prestigious international conference proceedings, one of which is the Aerospace Conference organized by NASA scientists. One of her publications has been awarded the "Best Academic Paper" for the session, namely Broadband Networks and Network Architectures, Topologies and Protocols, which was a part of the 6th World Multiconference on Systemics, Cybernetics and Informatics Conference, Florida, U.S.A. in 2002.

Some of her papers published are as follows:

- P. Pakdeepinit, T. Yeophantong, P. Chen, and P. Santiprabhob, **Balancing Secondary Traffic Metering for DiffServ Assured Forwarding Classes**, In Proc. 15th IEEE International Conference on Network (ICON2007), Adelaide, Australia, November 19-22, 2007.
- P. Pakdeepinit and P. Santiprabhob, **Adaptive Traffic Metering for DiffServ Assured Forwarding Classes**, In Proc. International Conference on Intelligent Technologies 2006 (InTech 2006), Taipei, Taiwan, December 13-15, 2006.
- P. Pakdeepinit, T. Yeophantong, T. Thumthawatworn and P. Santiprabhob, **A Link-State Routing Approach for Formation Flying Spacecraft**, In Proc. 27th IEEE Aerospace Conference, Big Sky, Montana, USA, March 4-11, 2006.

- P. Pakdeepinit, **On Permutation Capability of a Two-Dimensional Mesh**, In Proc. 2005 International Conference on Parallel and Distributed Processing Techniques and Application (PDPTA'05), Vol. 1, p. 112, Las Vegas, USA, June 27- 30, 2005.
- T. Yeophantong, P. Pakdeepinit, P. Moemeng, J. Daengdej, **Network Traffic Classification Using Dynamic State Classifiers**, In Proc. IEEE Aerospace Conference 2005, Montana, USA, March 5-12, 2005.
- P. Tillapart, T. Thumthawatwom, P. Pakdeepinit and J. Daengdej, **Method for Cluster Heads Selection in Wireless Sensor Networks**, In Proc. IEEE Aerospace Conf. 2004, Montana, USA, March 6-13, 2004
- P. Pakdeepinit, C. Jittawiriyakoon, **Performance Comparison of ATM Policing Mechanisms with Telecommunications Traffic**, In Proc. The 6th World Multiconference on Systemics, Cybernetics and Informatics Conference, Florida, USA, July 14-18, 2002.

For her contributions and valuable research writings, St. Thomas Aquinas Award for Research (Third Class) is conferred on Asst. Prof. Pitiporn Pakdeepinit in the Christmas Honours announced on December 21, 2007.

