



Dr. Sasiporn Usanavasin

Education

2003 - 2006

**Doctor of
Computer Engineering**

Keio University, JAPAN

- **Thesis Title:** Facet-based Semantic Web Services Discovery
in Multi-Ontology Environment
- **Major Fields:** Semantic Web Services Discovery,
Software Engineering, Knowledge Sharing
- **Minor Fields:** Database Management, Information Retrieval
Natural Language Processing

2001 - 2003

**Master of
Computer Engineering**

Keio University, JAPAN

- **Thesis Title:** Multi-Faceted Approach for Searching Web Applications
- **Major Fields:** Semantic Web Services Discovery,
Software Engineering, Knowledge Sharing
- **Minor Fields:** Database Management, Information Retrieval
Natural Language Processing

2000 - 2001

Research Student

Keio University, JAPAN

- **Research area:** Software Engineering

1995 - 1999

**Bachelor of
Information Technology (IT)**

**Sirindhorn International Institute of Technology (SIIT),
Thammasat University, THAILAND**

- 1st class honors

1994 - 1995

High School

Chestnut Ridge High School, PA, USA.

- Graduate High school Diploma with honors

Work Experience and Training

- Jan 2007 - Present** **Director** of Master of Science Program in Software Engineering
Sripatum University, Thailand
- Feb 2007 – Present** **Secretary** of Services Science Management and Engineering-
Human Resource Development (SSME-HRD) Working
Committee
- Oct 2007 – Present** **Special Lecturer** at Sirindhorn International Institute of
Technology (SIIT), Thammasat University
- Apr. 2006 – Dec. 2006** **IT Consult and Project Coordinator** at CSI Asia Co., Ltd.
- Dec. 2003 – Jan. 2005** **System Administrator:** Thailand Board of Investment (BOI), Tokyo
office.

- Responsible for designing customer management database for
managing information of potential investors to Thailand. The database
was successfully integrated the old filing system and input of new data
into the new database. She was also responsible for management and
maintenance of BOI's database system.
- Jun-Dec 2001** **Web Master:** Royal Thai Embassy in Tokyo, JAPAN

- Responsible for designing and management of information to
represent image of Royal Thai Embassy to the public, as well as
dissemination of information on the embassy's services to Thai
citizen living in Japan. She was also responsible for maintenance
and update of the web site.
- May, 1998** **Trainee under sponsorship of Japan Federation of Economic
Organizations (Keidanren):** NEC Cooperation, JAPAN

- Received 3-week training at NEC in the field of Transmission
Business Engineering.
- Apr.1999-Apr.2000** **Research and Teaching Assistant:** Sirindhorn International
Institute Technology (SIIT), Thammasat University, THAILAND

- Responsible for supervising and giving lectures on Object-Oriented
Programming and Operating System laboratories.

Awards/Honors and Scholarships

2003 - 2006	Japanese Government Scholarship (Monbukagakusho)
2001 - 2003	Keio University Graduate Scholarship
1999	1 st class Honor in Information Technology, Sirindhorn International Institute of Technology (SIIT), Thammasat University, THAILAND
1999	Best Student Award for Academic Excellency of the Year, SIIT, Thammasat University, THAILAND
1998	Academic Scholarship from Shell Company Ltd.
1996 - 1997	Academic Scholarship from Keidanren (Japan Federation of Economic Organizations)
1996 - 1997	Best Student Award for Academic Excellency of the Year, SIIT, Thammasat University, THAILAND

Refereed Publications

- Suwanit Rungratri and Sasiporn Usanavasin, **Project Assets Ontology (PAO) to Support Gap Analysis for Organization Process Improvement based on CMMI v.1.2**, *Proceedings of the International Conference on Software Process 2008 (ICSP2008)*, Leipzig, Germany, May 10-11, 2008.
- ศิริวัฒน์ อัสนิม และ ศศิพร อษณวสิน, **เมตริกซ์คุณภาพสำหรับกระบวนการพัฒนาซอฟต์แวร์ตามแนวทางแองจิล**, *The 5th International Joint Conference on Computer Science and Software Engineering (JCSSE2008)*, Felix River Kwai Resort, Kanchanaburi, THAILAND, May 7-9, 2008
- Sasiporn Usanavasin, Shingo Takada, and Norihisa Doi, **Calculating Cross-Ontology Similarity for Web Services Discovery**, *Journal of the Japan Society of Artificial Intelligent (JSIAI)*, Vol.21, No. 3, pp. 231-242, 2006.

- Sasiporn Usanavasin, Shingo Takada, and Norihisa Doi, **Semantic Web Services Discovery in Multi-Ontology Environment**, *Proceedings of On the Move to Meaningful Internet Systems 2005: Workshop on Agents, Web Services and Ontologies Merging (AWeSOMe)*, Ayia Napa, Cyprus, Oct.31-Nov.4, 2005.
- Sasiporn Usanavasin, Shingo Takada, and Norihisa Doi, **A Multi-Faceted Approach for Searching Web Applications**, *Journal of Information Processing Society of Japan (IPSJ)*, 46(3), 816-830. Online version: IPSJ Digital Courier, Vol.1, 166–180, 2005.
- Sasiporn Usanavasin, Takahiro Nakamori, Shingo Takada, Norihisa Doi, **A Multi-Faceted Approach for Searching Web Applications**, *Proceedings of the 2nd IASTED International Conference on Information and Knowledge Sharing (IKS2003)*, pp.247-252, November,2003, Scottsdale, AZ, USA.
- Takahiro Nakamori, Sasiporn Usanavasin, Shingo Takada, Norihisa Doi, **Web Services Retrieval Framework based on Semantic Web**, *The 65th Information Processing Society of Japan Nationwide Thesis Collection Conference (情報処理学会第 65 回全国大会講演論文集)*, 2ZA-4, pp.3-155~3-156, March, 2003.
- Thanaruk Theeramunkong and Sasiporn Usanavasin, **Non-Dictionary-Based Thai Word Segmentation Using Decision Trees**, *Proceedings of the First International Conference on Human Language Technology Research*, San Diego, California, 251-256, March, 2001
- Theeramunkong, T., Usanavasin, S., Machomsomboon, T. and Opanant, B., **Thai Word Segmentation Without A Dictionary by Using Decision Trees**, *Proceedings of the Fourth Symposium on Natural Language Processing*, Chiang Mai, Thailand, 165-175, May, 2000.

Certificates

1. Certification in Transmission Business Engineering, NEC Corporation, Japan
2. Certification in Introduction to CMMI v.1.2, Software Engineering Institute (SEI), Carnegie Mellon University, USA and Software Park, Thailand
3. Certification in CMMI Level 2 Process Area Workshop, Software Park, Thailand
4. PSP/TSPi Workshop, 23-27 March 2009, Software Park, Thailand
5. CMMI Appraisal Simulation Workshop, 1-2 April 2009, Software Park, Thailand
6. Certification in Train the Trainers in Software Process Improvement, 25-29 May 2009, Software Park, Thailand
7. Certification in SOA: Transform Business Model to Service and Architecture Design, 22-24 June 2009, Software Park, Thailand