

RAVTE RESOURCES

Curriculum Vitae



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Education Background:

- Doctor of Technical Science in Computer Science (Jan 1999 – Dec 2001)**
- Master of Science in Computer Science (May 1996- Sep 1998)**
- Bachelor of Science in Statistics, First Class Honors and Gold Medal Award (Jun 1992- Mar 1996)**

Expertise / Research Areas (identified by keywords):

- Data Modeling and Management**
- Data Analytics**
- Digital Learning and Education Technology**
- Intelligent Information Systems**
- Knowledge Representation and Knowledge Management**
- Open Data and Open Government Data**
- Semantic Web, Ontology and Linked Data Technologies**

Engagement (networks):

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SELECTED PUBLICATIONS

Articles in Refereed International Journals

- 1. H. Henriyadi, Vatcharaporn Esichaikul and Chutiporn Anutariya: A Conceptual Model for Development of Small Farm Management Information System: A Case of Indonesian Smallholder Chili Farmers, *Agriculture*, Vol. 12, No. 6: 866, MDPI (2022), DOI:10.3390/agriculture12060866**
- 2. Pattama Krataithong, Chutiporn Anutariya and Marut Buranarach: A Taxi Trajectory and Social Media Data Management Platform for Tourist Behavior Analysis, *Sustainability*, Vol. 14, No. 8: 4677, MDPI (2022), DOI: 10.3390/su14084677**
- 3. Kantinee Katchapakirin, Chutiporn Anutariya, and Thepchai Supnithi: ScratchThAI: A conversation-based learning support framework for computational thinking development, *Education and Information Technologies*, Springer (2022) DOI : 10.1007/s10639-021-10870-z**
- 4. Watanee Jearanaiwongkul, Chutiporn Anutariya, Teeradaj Racharak, and Frederic Andres: An Ontology-Based Expert System for Rice Disease Identification and Control Recommendation, *Applied Sciences*, Vol. 11, No. 21: 10450, MDPI (2021). <https://doi.org/10.3390/app112110450>**

5. Parkpoom Chaisiriprasert, Karn Yongsiriwit, Matthew N. Dailey, Chutiporn Anutariya: **Ontology-Based Framework for Cooperative Learning of 3D Object Recognition**, *Applied Sciences*, Vol. 11, No. 17: 8080, MDPI (2021). <https://doi.org/10.3390/app11178080>
6. Sumanya Ngandee, Attaphongse Taparugssanagorn, Chutiporn Anutariya, and John K. M. Kuwornu: **Assessment of Rice Crop Yield Prediction Models Based on Big Data Analytics for Better Supply Chain Decision Making in Thailand**, *Int. J. of Value Chain Management (IJVCM)*, Vol. 12, No. 3, pp 221-240, Inderscience Publishers (2021).
7. S. Surjandy, Meyliana, K. Oktriono, M. Carolina, Chutiporn Anutariya, and E. Fernando: **Smartphone Influence Factor of University Student's Academic Achievement**, *Advances in Science, Technology and Engineering Systems*, Vol. 5, Issue 5, ASTES Publishers, pp. 692-697 (2020).
8. Watanee Jearanaiwongkul, Chutiporn Anutariya and Frederic Andres: **A Semantic-Based Framework for Rice Plant Disease Management**, *New Generation Computing*, Vol. 37, Issue 4, pp. 499-523, Springer (2019), DOI: 10.1007/s00354-019-00072-0
9. Weeraphan Chanhom and Chutiporn Anutariya: **TOMS: A Linked Open Data System for Collaboration and Distribution of Cultural Heritage Artifact Collections of National Museums in Thailand**, *New Generation Computing*, Vol. 37, Issue 4, pp. 479-498, Springer (2019), DOI: 10.1007/s00354-019-00063-1
10. Watanee Jearanaiwongkul, Frederic Andres and Chutiporn Anutariya: **A Formal Model for Managing Multiple Observation Data in Agriculture**, *International Journal of Intelligent Information Technologies (IJIT)*, Vol. 15, Issue 3, IGI Global (2019).
11. Marut Buranarach, Chutiporn Anutariya, Nopachat Kalayanapan, Taneth Ruangrajitpakorn, Vilas Wuwongse, and Thepchai Supnithi: **An Ontology-based Approach to Supporting Knowledge Management in Government Agencies: A Case Study of the Thai Excise Department**, *IEICE Transactions on Information and Systems*, Vol.E101-D, No.4, pp. 884-891 (April 2018).
12. Photchanan Ratanajaipan and Chutiporn Anutariya: **Interoperable Metadata Application Profile Framework (IMAP)**. *Journal of Convergence Information Technology*, Vol. 8, No. 11, ISSN: 1975-9320 (June 2013)
13. Krissada Maleewong, Chutiporn Anutariya and Vilas Wuwongse: **Enabling Intelligence in Web-Based Collaborative Knowledge Management System**, *International Journal of Systems and Service-Oriented Engineering (IJSSOE)*, Vol. 2, Number 1, IGI Global, ISSN: 1947-3052 (January-March 2011)
14. Krissada Maleewong, Chutiporn Anutariya and Vilas Wuwongse: **Analyzing Community Deliberation and Achieving Consensual Knowledge in SAM**, *International Journal of Organizational and Collective Intelligence (IJOICI)*, Vol. 1, No. 3, IGI Global, ISSN: 1947-9344 (Fall 2010)

15. Rachanee Ungrangsi, Chutiporn Anutariya, Vilas Wuwongse: Enhancing Folksonomy-based Content Retrieval with Semantic Web Technology, *International Journal on Semantic Web and Information Systems*, Vol. 6, Issue 1, pp. 19-38, IGI Global, ISSN: 1552-6283 (January 2010).
16. Rachanee Ungrangsi, Chutiporn Anutariya, Vilas Wuwongse: Enabling Efficient Knowledge Reuse in the Semantic Web with SQORE, *Concurrency and Computation: Practice and Experience*, Vol. 21, Issue 5, pp. 651- 671, John Wiley and Sons, ISSN: 1532-0626 (April 2009).
17. Rachanee Ungrangsi, Chutiporn Anutariya, Vilas Wuwongse: combiSQORE: A Combinative-Ontology Retrieval System for Next Generation Semantic Web Applications. *IEICE Transactions on Information and Systems: special section on Knowledge, Information and Creativity Support System*, Vol.E91-D, No.11, pp. 2616- 2625 ISSN: 1745-1361 (November 2008).
18. Ajaree Naco, Vilas Wuwongse, Chutiporn Anutariya: A Transformation-Based Approach to Application Model Development: Class Diagram Generation. *International Journal of Software Engineering and Knowledge Engineering (IJSEKE)*, World Scientific, Vol. 18, Issue 7, pp. 895-918, ISSN: 0218-1940 (November 2008).
19. Mizuho Iwaihara, Ryotaro Hayashi, Somchai Chatvichienchai, Chutiporn Anutariya, Vilas Wuwongse: Relevancy-based Access Control and Its Evaluation on Versioned XML Documents. *ACM Transactions on Information and System Security*, Vol. 10, Issue. 1, ISSN: 1094-9224 (February 2007)
20. Wajee Teswanich, Chutiporn Anutariya, Vilas Wuwongse: A Knowledge Management System Framework for Governmental Regulating Processes. *Electronic Government, an International Journal: Special Issue on Exploiting Knowledge Management for Ubiquitous E-Government in the Semantic Web Era*, Vol. 3, No. 1, pp. 56-73, ISSN: 1740-7494, Inderscience Publishers, (March 2006).
21. Chutiporn Anutariya, Vilas Wuwongse and Kiyoshi Akama: XML Declarative Description with First-Order Logical Constraints. *Computational Intelligence*, Blackwell Publishing, Vol. 21, No. 2, pp. 130-156, ISSN: 0824- 7935 (May 2005).
22. Ekawit Nantajeewarawat, Vilas Wuwongse, Chutiporn Anutariya, Kiyoshi Akama, and Surapa Thiemjarus: Towards Reasoning with UML Diagrams Based-on XML Declarative Description Theory. *International Journal of Intelligent Systems*, Vol. 19, Issue 1-2, Wiley Publishers, pp. 89-98 (2004).
23. Vilas Wuwongse, Kiyoshi Akama, Chutiporn Anutariya and Ekawit Nantajeewarawat: A Data Model for XML Databases. *Journal of Intelligent Information System (JIIS)*, Vol. 20, Issue 1, Kluwer Academic Publisher, pp. 63 – 80 (2003).
24. Vilas Wuwongse, Chutiporn Anutariya, Kiyoshi Akama, and Ekawit Nantajeewarawat: XML Declarative Description: A Language for the Semantic Web, *IEEE Intelligent Systems*, Vol. 16, No. 3, May/June 2001, pp. 54-65 (2001).
25. Chutiporn Anutariya, Vilas Wuwongse, Kiyoshi Akama and Ekawit Nantajeewarawat: RDF Declarative Description (RDD): A Language for Metadata, *Journal of Digital Information (JoDI)*, Vol. 2, Issue 2 (2001). SCOPUS citations: 7 2017 SNIP: 0.195

Articles in Refereed National Journals

1. Aekavute Sujarae, Natchaya Kijmongkolchai and Chutiporn Anutariya: An Adaptive Personalized Learning System. *KKU Engineering Journal*, Vol. 43, Special Issue S1, 2016.

Articles in Refereed Conference Proceedings

1. Younten Tshering and Chutiporn Anutariya: Enabling Semantic Interoperability in Bhutan's E-Government: An Ontology-based Framework. 19th International Joint Conference on Computer Science and Software Engineering (JCSSE2022), IEEE Xplore, Bangkok, Thailand (June 2022)

2. Phway T.T. Soelin, Piriya Utamachant and Chutiporn Anutariya: Understanding Relationships among Learning Styles, Learning Activities and Academic Performance: From a Computer Programming Course Perspective. 19th International Joint Conference on Computer Science and Software Engineering (JCSSE2022), IEEE Xplore, Bangkok, Thailand (June 2022)

3. Krissada Chalermsook and Chutiporn Anutariya: CareerVio: A Platform for Personalized Collaborative and Gamified Software Engineering MOOCs. 19th International Joint Conference on Computer Science and Software Engineering (JCSSE2022), IEEE Xplore, Bangkok, Thailand (June 2022)

4. Natnaree Sornkongdang, Nuttapong Sanglerdsinlapachai and Chutiporn Anutariya: DataCat: Attention-based Open Government Data (OGD) Category Recommendation Framework. 16th International Joint Symposium on Artificial Intelligence and Natural Language Processing (ISAI-NLP 2021), Thailand (December 2021)

5. Sahaporn Sripramong, Chutiporn Anutariya, Marut Buranarach, Patipat Tumsangthong, Theerawat Wutthitasarn: Development of Business Intelligence Framework for Open Government Data Portal Usage Analysis: A Case Study of Thailand. 13th International Conference on Knowledge and Systems Engineering (KSE 2021), Thailand (November 2021)

6. Pattama Krataithong, Chutiporn Anutariya, Marut Buranarach: A Data Management Platform for Taxi Trajectory-based Tourist Behavior Analysis. 13th International Conference on Management of Digital EcoSystems (MEDES'21), Tunisia (November 2021)

7. Watanee Jearanaiwongkul, Chutiporn Anutariya and Kurapati Tejaswini Reddy: Mobile Applications vs. Chat-based Applications: A Comparative Study based on Academic Library Domain. 18th International Joint Conference on Computer Science and Software Engineering (JCSSE2021), IEEE Xplore, Virtual Conference, Thailand (July 2021)

8. Rajkumar Kannan, Sridhar Swaminathan, Chutiporn Anutariya and Vaishnavi Saravanan: Exploiting Multilingual Neural Linguistic Representation for Sentiment Classification of Political Tweets in Code-mix Language. 12th International Conference on Advances in Information Technology (IAIT2021), ACM Proceedings, Virtual Conference, Thailand (July 2021)

9. Vilas Nitivattananon, Sirinapha Srinonil, Indrajit Pal and Chutiporn Anutariya: Developing a regional-specific set of indicators related SDGs of BMR and baseline assessment for enhancing its database system and achievement of sustainability. Abstract Proceedings 2nd International Symposium on Disaster Resilience and Sustainable Development (DRSD2021), Pathum Thani, Thailand (June 2021)
10. Henriyadi, Vatcharaporn Esichaikul and Chutiporn Anutariya: Split-Match-Merge Method with Multi-Matchers Algorithm to Handle Data Interoperability Problems in Small Farm Management Information System. Proceedings 17th International Conference on Computing and Information Technology (IC2IT2021), Advances in Intelligent Systems and Computing, Springer, Bangkok, Thailand (May 2021)
11. Chutiporn Anutariya, Marcello Bonsangue, Matthew Dailey, et al.: Building a needs-based curriculum in data science and artificial intelligence: Case studies in Indonesia, Sri Lanka, and Thailand. Proceedings 12th International Symposium on Project Approaches in Engineering Education and 17th International Conference on Active Learning in Engineering Education (PAEE/ALE 2020), pp. 97-104, Bangkok, Thailand (August 2020)
12. Piriya Utamachant, Chutiporn Anutariya, Suporn Pongnumkul and Nongnuch Sukvaree: Analyzing online learning behavior and effectiveness of blended learning using students' accessing timeline. 12th International Symposium on Project Approaches in Engineering Education and 17th International Conference on Active Learning in Engineering Education (PAEE/ALE 2020), pp. 64-71, Bangkok, Thailand (August 2020)
13. S. Surjandy, K. Oktriono, Meyliana, E. Fernando, M. Carolina, R.T. Tedja and Chutiporn Anutariya: The Analysis of Behavioral Usage Factor of Social Media on University Student Learning. In: Proceedings of 2020 International Conference on Information Management and Technology (ICIMTech 2020), IEEE Xplore, Bundung, Indonesia, pp. 254-259 (August 2020)
14. Jaemjan Sriarunrasmee and Chutiporn Anutariya: The Development of One Stop Service Online System based on User Experience Design and AGILE Method. In: 11th International Conference on E-Education, E-Business, E-Management, and E-Learning (IC4E 2020), Osaka, Japan (January 2020)
15. Kantinee Katchapakirin and Chutiporn Anutariya: Computational Thinking Development Challenges: Case Studies in Thai Primary Education. In: 27th International Conference on Computers in Education (ICCE 2019), Taiwan (December 2019)
16. Teeradaj Racharak, Watanee Jearanaiwongkul and Chutiporn Anutariya: Concept Similarity for the Description Logic ALEH: A Case Study in Rice Disease Detection. In: 9th Joint International Semantic Technology Conference (JIST2019), Lecture Notes in Computer Science 12032, Springer (November 2019)
17. Chutiporn Anutariya and Wanlipa Thongsuntia: MOOC Design and Learners Engagement Analysis: A Learning Analytics Approach. In: 4th International Conference on Sustainable Information Engineering and Technology (SIET 2019), IEEE Xplore, Indonesia (September 2019)

18. Kantinee Katchapakirin and Chutiporn Anutariya: An Architectural Design of ScratchThAI: A conversational agent for Computational Thinking Development using Scratch. In: 10th International Conference on Advances in Information Technology (IAIT2018), ACM Proceedings, Bangkok, Thailand (December 2018)
19. Watanee Jearanaiwongkul, Chutiporn Anutariya and Frederic Andres: An Ontology-based Approach for Plant Disease Identification System. In: 10th International Conference on Advances in Information Technology (IAIT2018), ACM Proceedings, Bangkok, Thailand (December 2018)
20. Punnawit Budsapawanich, Chutiporn Anutariya and Choochart Haruechaiyasak: A Conceptual Framework for Linking Open Government Data based on Geolocation: A Case Study of Thailand. In: 8th Joint International Semantic Technology Conference (JIST2018), Lecture Notes in Computer Science 11341, Springer Verlag, Hyogo, Japan (November 2018)
21. Piriya Utamachant and Chutiporn Anutariya: An Analysis of High-Value Datasets: a Case Study of Thailand's Open Government Data. In: The 15th International Joint Conference on Computer Science and Software Engineering (JCSSE2018), Nakhon Pathom, Thailand (July 2018)
22. Chutiporn Anutariya and Reshma Dangol: VizLOD: Schema Extraction and Visualization of Linked Open Data. In: The 15th International Joint Conference on Computer Science and Software Engineering (JCSSE2018), Nakhon Pathom, Thailand (July 2018)
23. S.D.H.S.Wickramarathna and Chutiporn Anutariya: Ontology Design and Development for University Admission in Sri Lankan Universities. In: SLAAI International Conference on Artificial Intelligence 2017, Sri Lanka (October 2017) (Best AI Project Award)
24. Aekavute Sujarae, Natchaya Kijmongkolchai and Chutiporn Anutariya: An Adaptive Personalized Learning System. In: The Sixth KKU International Engineering Conference 2016 (KKU-IENC 2016), Khon Kaen, Thailand (August 2016)
25. Weeraphan Chanhom, Chutiporn Anutariva and Sumanta Guha: A Distributed Platform for Archiving and Viewing Cultural Artifacts in 3D. In: 16th Int. Conf. on Asia Pacific Digital Libraries (ICADL 2014). Lecture Notes in Computer Science, Vol. 8839, Springer Verlag, ISSN: 0302-9743, Chaing Mai, Thailand (November 2014)
26. Thang Hoang Ta and Chutiporn Anutariya: A Model for Enriching Multilingual Wikipedias using Infobox and Wikidata Property Alignment. In: 4th Joint Int. Semantic Technology Conf. (JIST 2014). Lecture Notes in Computer Science, Vol. 8943, Springer Verlag, pp. 335-350, ISSN: 0302-9743, Chaing Mai, Thailand (November 2014).
27. Aekavute Sujarae and Chutiporn Anutariya: A Framework for In-Class Teaching Assistant Platform. In: 8th Int. Conf. on Ubiquitous Information Management and Communication (ACM IMCOM: ICUIMC 2014), Siem Reap, Cambodia (January 2014)
28. Marut Buranarach, Taneth Ruangrajitpakorn, Chutiporn Anutariya, and Vilas Wuwongse: Ontology Design Approaches for Development of an Excise Duty Recommender System. In: International Workshop on Information Search, Integration and Personalization (ISIP 2013). Communications in Computer and Information Science Series, Springer Verlag, ISSN: 1865-0929 (September 2013)

29. Krich Nasingkun and Chutiporn Anutariya: Integrating Ontology and Rule-based Computing Mechanisms using eXET Computing Engine. Proc. 2012 International Computer Science and Engineering Conference (ICSEC 2012), Pattaya, Thailand (October 2012)
30. MD Maruf Hasan, Chutiporn Anutariya, M Zau Ja: A Metadata-orientated Integrated Approach to Personal File Management. Proc. 8 Int. Conf. on Computing Technology and Information Management (ICCM 2012), pp. 459 – 464, Seoul, Korea (April 2012)
31. Rachanee Ungrangsi, Chutiporn Anutariya: A Comparison Study of Flickr's Folksonomies and Ontologies. Proc. 2011 Eighth Int'l Joint Conf. Computer Science and Software Engineering (JCSSE 2011), pp. 257 - 262, Thailand (May 2011)
32. Krissada Maleewong, Chutiporn Anutariya and Vilas Wuwongse: Automatically Discovering Quality-Assured Consensual Knowledge in Social Web, Proc. Fifth International Conference on Ubiquitous Information Management and Communication (ACM ICUIMC 2011), Seoul, Korea (February 2011)
33. Krissada Maleewong, Chutiporn Anutariya and Vilas Wuwongse: Is Vote Effective? An Analysis of Community Deliberation in Social Web. Proc. First International Symposium on Web Intelligent Systems & Services (WISS2010), Hong Kong, China (December 2010)
34. Rachanee Ungrangsi, Chutiporn Anutariya: Image123: A Web 1.0+Web2.0+Semantic Web based Image Retrieval System. Proc. First International Symposium on Web Intelligent Systems & Services (WISS2010), Hong Kong, China (December 2010)
35. Krissada Maleewong, Rachanee Ungrangsi and Chutiporn Anutariya: Enhancing Social Semantic Content Creation with SAM. Proc. 7th International Joint Conference on Computer Science and Software Engineering (JCSSE 2010), Bangkok, Thailand (May 2010)
36. Krissada Maleewong, Chutiporn Anutariya and Vilas Wuwongse: A Semantic Argumentation Approach to Collaborative Ontology Engineering. Proc. The 11th International Conference on Information Integration and Web-based Applications & Services (iiWAS 2009), pp. 54-61, Kuala Lumpur, Malaysia. (December 2009)
37. Krissada Maleewong, Chutiporn Anutariya and Vilas Wuwongse: SAM: Semantic Argumentation Based Model for Collaborative Knowledge Creation and Sharing System. Proc. 1st Int. Conf. on Computational Collective Intelligence - Semantic Web, Social Networks & Multiagent Systems. Lecture Notes in Artificial Intelligence, Vol. 5796, pp. 75-86, Springer. (October 2009)
38. Krissada Maleewong, Chutiporn Anutariya and Vilas Wuwongse: A Collective Intelligence Approach to Collaborative Knowledge Creation. Proceedings International Conference on Semantics, Knowledge and Grid 2008 (SKG 2008), China (December 2008)

39. Jirayu Sakdasiristraporn and Chutiporn Anutariya: A Framework for Authorization Control of Multi-versioned XML Document Development. Proceedings Int. Joint Conf. in Computer Science and Software Engineering 2008 (JCSSE 2008), Kanchanaburi (May 2008)
40. Sucharee Sanghan and Chutiporn Anutariya: Development of Adaptive E-learning Course Planning System. Proceeding Int. Joint Conf. in Computer Science and Software Engineering 2008 (JCSSE 2008), Kanchanaburi (May 2008)
41. Krissada Maleewong, Rachanee Ungrangsi, Ekgarach Sumsiripong, and Chutiporn Anutariya: Semantic Social Network Applications. Proceedings Int. Joint Conf. in Computer Science and Software Engineering 2008 (JCSSE 2008), Kanchanaburi (May 2008)
42. Sucharee Sanghan and Chutiporn Anutariya: An Ontology and Semantic Web Service Approach to Adaptive E-Learning Service Planning. Proceedings 2008 International Joint conference on e-Commerce, e-Administration, e-Society, and e-Education (e-CASE 2008), Bangkok, (March 2008)
43. Ekgarach Sumsiripong, Krissada Maleewong, Rachanee Ungrangsi R., & Chutiporn Anutariya. WWWatch: Watching the World in Different Views with Semantic Web. Electronic Proceeding of the 6th International Semantic Web Challenge 2007, Busan, Korea (November 2007).
44. Rachanee Ungrangsi, Chutiporn Anutariya, Vilas Wuwongse: combiSQORE: An Ontology Combination Algorithm. Lecture Notes in Computer Science, Vol. 4825, Springer Verlag, ISSN: 0302-9743 (November 2007).
45. Rachanee Ungrangsi, Chutiporn Anutariya, and Vilas Wuwongse: Enabling Efficient Knowledge Reuse in the Semantic Web with SQORE. Proceedings of the Third Int. Conf. on Semantics, Knowledge and Grid (SKG2007), China (October 2007).
46. Rachanee Ungrangsi, Chutiporn Anutariya, Vilas Wuwongse: SQORE-Based Ontology Retrieval System. Lecture Notes in Computer Science, Vol. 4653, Springer Verlag, pp. 720-729, ISSN: 0302-9743 (September 2007).
47. Photchanan Ratanajaipan, Vilas Wuwongse, Ekawit Nantajeewarawat, Chutiporn Anutariya: XET Protégé Plug-in Environment. Proc. 10th Intl. Protégé Conference, Budapest, Hungary (July 2007)
48. Krissada Maleewong, Chutiporn Anutariya: RNET: Thailand's IT Researcher Network Collection, Analysis and Visualization. Proc. Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI) Association Conference (ECTI-CON2007), Chiang Rai (May 2007)
49. Sombhop Wongwilai, Chutiporn Anutariya: Semantic Blog: An Approach to Knowledge Sharing and Knowledge Management. Proc. Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI) Association Conference (ECTI-CON2007), Chiang Rai (May 2007)

51. Mizuho Iwaihara, Somchai Chatvichienchai, Chutiporn Anutariya, Vilas Wuwongse: Relevancy Based Access Control of Versioned XML Documents. In Proc. 10th ACM Symposium on Access Control Models and Technologies (SACMAT), Stockholm, pp. 85-94. (June 2005)
52. Pongtawat Chippimolchai, Vilas Wuwongse, Chutiporn Anutariya: Towards Semantic Query Optimization for XML Databases. ICDE Workshops 2005 (International Special Workshop on Databases For Next Generation Researchers) (April 2005)
53. Finn Arve Aagesen, Paramai Supadulchai, Chutiporn Anutariya, Malek Mazen Shiaa: Configuration Management for an Adaptable Service System. In Proc. IFIP International Conference on Metropolitan Area Networks: Architecture, protocols, control, and management, Vietnam (April 2005)
54. Finn Arve Aagesen, Chutiporn Anutariya, Mazen Malek Shiaa, Bjarne E. Helvik and Paramai Supadulchai: A Dynamic Configuration Architecture. In Boutaba and Kim (eds) Proc. IEEE/IFIP Network Operations and Management Symposium (NOMS 2004), Seoul, South Korea, pp. 893-894. (April 2004)
55. Chutiporn Anutariya, Vilas Wuwongse, Kiyoshi Akama: XML Declarative Description with First-Order Logical Constraints. Proc. Knowledge Grid and Grid Intelligence Workshop, Halifax, Canada (October 2003).
56. Pagaporn Pengsart, Vilas Wuwongse and Chutiporn Anutariya: A Framework for Network Management, Proc. 3rd International Symposium on Communications and Information Technologies (ISCIT 2003), Songkhla, Thailand, pp. 943-947 (September 2003)
57. Finn Arve Aagesen, Bjarne E. Helvik, Chutiporn Anutariya, Mazen Malek Shiaa: On Adaptable Networking, Proc. 2003 Int'l Conference on Information and Communication Technologies, Bangkok, Thailand, pp. 109-118 (April 2003).
58. Chutiporn Anutariya, Vilas Wuwongse and Kiyoshi Akama: XML Declarative Description with Negative Constraints, Proc. Int'l Semantic Web Foundations and Application Technology (SWFAT) Workshop, Nara, Japan, pp. 59-66 (March 2003).
59. Finn Arve Aagesen, Bjarne E. Helvik and Chutiporn Anutariya: Towards Dynamic Composition of Adaptive Services, Proc. EuroWeb 2002 Conference -- The Web and the Grid: From E-science to E-business, Oxford, UK, pp. 183-184 (December 2002).
60. Pongtawat Chippimolchai, Vilas Wuwongse and Chutiporn Anutariya: Semantic Query Formulation and Evaluation for XML Databases, Proc. 3rd Int'l Conf. Web Information System Engineering (WISE'02), Singapore, pp. 205-214 (December 2002).
61. Kiyoshi Akama, Chutiporn Anutariya, Vilas Wuwongse and Ekawit Nantajeewarawat: Query Formulation and Evaluation for XML Databases, Proc. 1st IFIP Workshop on Internet Technologies, Applications, and Societal Impact (WITASI'02), Wroclaw, Poland, Kluwer Academic Publisher, pp. 273-288 (October 2002).

62. Suwanee Suwanapong, Chutiporn Anutariya and Vilas Wuwongse: An Intelligent Web Service System, Proc. IFIP WG8.1 Working Conference on Engineering Information Systems in the Internet Context (EISIC), Kanazawa, Japan, Kluwer Academic Publisher, pp. 177–201 (Sep. 2002).
63. Chutiporn Anutariya: The Semantic Web, Proc. IFIP WG6.7 Workshop and EUNICE Summer School on Adaptable Networks and Teleservices, Trondheim, Norway, pp. 201–202 (September 2002) [Invited Paper].
64. Finn Arve Aagesen, Chutiporn Anutariya, Mazen Malek Shiaa, Bjarne E. Helvik: Support Specification and Selection in TAPAS, Proc. IFIP WG6.7 Workshop and EUNICE Summer School on Adaptable Networks and Teleservices, Trondheim, Norway, pp. 109–116 (September 2002).
65. Chutiporn Anutariya, Vilas Wuwongse and Vichit Wattanapailin: An Equivalent-Transformation-Based XML Rule Language. In Schroeder and Wagner (eds.) Proc. International Workshop on Rule Markup Languages for Business Rules in the Semantic Web, Sardinia, Italy, CEUR Workshop Proceedings, Vol. 60 (June 2002).
66. Wajee Teswanich, Chutiporn Anutariya and Vilas Wuwongse: Unified Representation For E-Government Knowledge Management, Proc. International Workshop on Knowledge Management in E-Government, Copenhagen, Denmark, pp. 199–209 (May 2002).
67. Ekawit Nantajeewarawat, Vilas Wuwongse, Surapa Thiemjarus, Kiyoshi Akama and Chutiporn Anutariya: Generating Relational Database Schemas from UML Diagrams Through XML Declarative Descriptions, Proc. 2nd International Conference on Intelligent Technologies (InTech'2001), Bangkok, Thailand (November 2001).
68. Chutiporn Anutariya, Vilas Wuwongse, Kiyoshi Akama and Ekawit Nantajeewarawat: RDF Declarative Description (RDD): A Language for Metadata, Proc. Dublin Core 2001, Tokyo, Japan, pp. 1-8 (Oct. 2001).
69. Chutiporn Anutariya, Vilas Wuwongse, Kiyoshi Akama, and Vichit Wattanapailin: Semantic Web Modeling and Programming with XDD, Proc. Semantic Web Working Symposium (SWWS-1), Stanford University, CA, pp. 161-180 (July 2001).
70. Ekawit Nantajeewarawat, Vilas Wuwongse, Chutiporn Anutariya, Kiyoshi Akama and Surapa Thiemjarus: Towards Reasoning with UML Diagrams Based-on XML Declarative Description Theory, Proc. Int'l Conf. Intelligent Technologies (InTech'2000), Bangkok, Thailand (2000).
71. Chutiporn Anutariya, Vilas Wuwongse, Ekawit Nantajeewarawat and Kiyoshi Akama: Towards Computation with RDF Elements, Proc. Int'l Symposium on Digital Libraries 1999 (ISDL1999), University of Library and Information Science, Japan, pp. 112–119 (1999).
72. Chutiporn Anutariya: Reasoning about Resource Description Framework (RDF) Elements, Proc. 2nd Advanced Technologies Symposium, AIT, Thailand, pp. 16–17 (1998).

73. Vilas Wuwongse, Chutiporn Anutariya and Ekawit Nantajeewarawat: Reasoning about RDF Elements, Proc. Int'l Joint Workshop on Digital Libraries 1998 (IJWDL'98), AIT, Thailand, pp. 83-94 (1998).

74. Vilas Wuwongse and Chutiporn Anutariya: Retrieval of Structured Documents, Proc. 5th Int'l Workshop on Academic Information Networks and Systems (WAINS5), AIT, Thailand (1998).

Award / Research Grants:

- Best AI Project Award 2017, Awarded for the work “Ontology Design and Development for University Admission in Sri Lankan Universities” at SLAAI International Conference on AI 2017, University of Moratuwa, Sri Lanka**
- Royal Golden Jubilee Ph.D. Program Grant Awardee, Thailand Research Fund (TRF)**
- Best Research Award, 2007-2008 and 2005-2006, Shinawatra University, Thailand**
- Dissertation Award, 2003, National Research Council of Thailand (NRCT)**
- Royal Thai Government Scholarship Program, Jan. 1999 – Dec. 2001, AIT**
- Research Assistantship & Scholarship Program, May 1996 – Sep. 1998, AIT**
- Gold Medal Prize (Rank#1 graduate from the batch of 80 students), 1996, Chulalongkorn University, Thailand**