Curriculum Vitae

Assistant Professor Kingkarn Sookhanaphibarn (Ph.D.)

Current Position:
Assistant Professor
School of Information Technology and Innovation
Bangkok University, Rama 4 Rd, Klongtoei, Bangkok, Thailand 10110

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Office: 02-350-3500 (ext:1690)
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Education:

1999 – 2005	**Ph.D. in Computer Science**, Chulalongkorn University, Bangkok, Thailand.
	Dissertation: *Feature Extraction with Color Texture-Sensitive, Rotational and Scaling Invariant Capability using Eigenvector-Guided Self-Organizing Mapping.*
1997 – 1999	**M.Sc. in Computational Science**, Chulalongkorn University, Bangkok, Thailand.
	Thesis: *Application of Genetic Algorithm to High-Level Circuit Synthesis.*
1993 – 1997	**B.Sc. in Computer Science**, Chulalongkorn University, Bangkok, Thailand.
	Senior Project: *A Phoneme-based Isolated-Word Approach towards 0-9 Thai Numeral Speech Recognition.*

Honor Award:

2014	"Outstanding Reseracher" from School of Science and Technology, Bangkok University in Academic Year 2013
2013	The Best Paper Award from "The Seventh International Conference on Digital Society" (ICDS 2013) during February 24 - March 1, 2013 - Nice, France. The presentation entitled "Expanding the Experience of Museum Visitors with a Social Application on Facebook".
2010	Bursary Winners award from Alliance of Digital Humanities Organisations in 2010 (Digital Humanities 2010 at King's College, London.
2001	Student Award and Traveling Grant for The 10th IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2001), December 2-5 2001, Melbourne, Australia.
1999	Distinguished Graduate, M.Sc. in Computational Science, Chulalongkorn University.

Grants and Scholarships:

Cyber Security and AI

2017	Member of Research Team in Project: "A Virtual Learning Center of Cybersecurity Awareness for End Users" Supported by Office of The

	National Broadcasting and Telecommunications Commission (NBTC)
2015-2016	Head of Project in "Detection and Warning System of Malware Application on Mobile Devices" Supported by National Research Council of Thailand
2013	Head of Project in "Detection of Malicious codes in Mobile Operating Systems" Supported by National Research Council of Thailand (NRCT)

Digital Museums in 3D Virtual Worlds

2015	Member of Research Team in Project: " RESEARCH for enhancing the learners' capability in performing arts by using dance notation" Supported by National Research Council of Thailand (NRCT)
2010	Center Grants for Young Researchers for Global COE Program under the Project of "Visualization of Visitor Circulation in 3D virtual worlds"
2009	Center Grants for Young Researchers for Global COE Program under the Project of "Digital Humanities Center for Japanese Arts and Cultures"

Imaging Technology

2007-2008	Member of Research Team in Project: "Tsunami Detection and Warning System by Satellite Image of FY2C" Supported by National Research Council of Thailand (NRCT)
2007-2008	Head of Project in TRF Research Grant for Young Researcher in Project of "Caricature Image Recognition System" (Project ID: MRG5080436)
2007	Member of Research Team in Project "Heavy Rainfall Precipitation" supported by Thailand Research Fund (TRF)
2006	Head of Project in Chulalongkorn University's Research grant for Young Researcher in Project of "Invariant image recognition"

Business Modelling

2007-2008	Member of Research Team in Project: "Bankruptcy theory development and prediction of financial institution failure in Thailand with Genetic Programming (GP) guided by Hidden Markov Model (HMM)" Supported by National Research Council of Thailand (Project ID: MRG5080446)

Royal Golden Jubilee Ph.D. Scholarship

1999 – 2002	Scholarship of The Royal Golden Jubilee (RGJ) PhD Program.

Graduate Thesis Research Fund

1998 – 1999	Research Grant of The Shell Centennial Education Fund, 70,000 bath Topic: "*Application of Genetic Algorithm to High-Level Circuit Synthesis*", Thesis of Master of Science in Computational Science, Department of Mathematics, Chulalongkorn University, Thailand

Book Chapter:

2012	Kingkarn Sookhanaphibarn・Ruck Thawonmas・稲葉光行, "仮想環境での鑑賞者の観覧行動に対する視覚的分析ツール： Second Life における仮想展示の事例研究,"「デジタル・ヒューマニティーズ研究と Web 技術(シリーズ日本文化デジタル・ヒューマニティーズ)」，稲葉光行（編集），ナカニシヤ出版，pp. 158-174 , 2012 年 5 月.
2012	Kingkarn Sookhanaphibarn, Ruck Thawonmas, and Mitsuyuki Inaba, "Visual Analytics Tool for Visitor Circulaton in Virtual Environments: A Case Study from a Gallery in SecondLife," Digital Humanities Research and Web Technology (Series in Digital Humanities for Japanese Arts and

	Cultures), Mitsuyuki Inaba (ed.), Nakanisha Publisher, pp. 320-334, May 2012.
2010	Kingkarn Sookhanaphibarn and Ruck Thawonmas, Digital Museums in 3D Virtual Environment, A Handbook of Research on Method and Techniques for Studying Virtual Communities: Paradigms and Phenomena, Ben Kei Daniel (ed.), IGI Global Publisher, pp. 713-730, Nov. 2010. ISBN-10: 1609600401

Journal Publications:

Cybersecurity

2015/8	Narang, Komal, Kingkarn Sookhanaphibarn, and Prasong Praneetpolgrang. "Android Antivirus Scanner by Analyzing Operation Codes." Applied Mechanics and Materials. Vol. 781. Trans Tech Publications, 2015.

Imaging Technology

2016	Lin, F. C., Sookhanaphibarn, K., Choensawat, W., & Pararas-Carayannis, G. (2016). DETECTION OF TSUNAMI RADIATION AT ILLAPEL, CHILE ON 2015-9-16 BY REMOTE SENSING. Science of Tsunami Hazards, 35(1).
2015/7	Lin, Frank C., Kingkarn Sookhanaphibarn, Worawat Choensawat, George Pararas-Carayannis. "On the frequency spectrum tsunami radiation", Science of Tsunami Hazards (ISSN 8755-6839), Vol.34, No.3, 2015.
2014/8	Lin, Frank C., Kingkarn Sookhanaphibarn, Worawat Choensawat, Virulh Sa-yakanit, George Pararas-Carayannis. " REMOTE: RECONNAISSANCE AND MONITORING OF TSUNAMI EVENTS", Science of Tsunami Hazards (ISSN 8755-6839), Vol.33, No.2, 2014, pp.86-111.
2011/12	F.C. Lin, Weiwei Zhu, and K. Sookhanaphibarn, Observation of Tsunami Radiation at Tohoku by Remote Sensing, Journal of Tsunami Society International Science of Tsunami Hazards, Vol. 30, No. 4, 2011, pp.223-232.
2010/3	F.C.Lin, K. na Nakornphanom, K. Sookhanaphibarn and C.Lursinsap. A New Paradigm for Detecting Tsunamis by Remote Sensing International Journal of Geoinformatics, Vol.6 No.1, March, 2010, p.19-30.
2007	K. Sookhanaphibarn, C. Lursinsap, A new feature extractor invariant to translation, rotation, and scaling of color images, Information sciences Volume/Issue, 176/14, 2007, pp. 2097-2119

Visual Analytics and User Modeling

2015/4	Utaiwan Chatuporn and Kingkarn Sookhanaphibarn, "Research to Study Relevant Factors of the Expanding Experience of Museum Visitors from Social Media Applications", Journal of Science and Technology, vol.23, No.2 2015 URL: http://tujournals.tu.ac.th/tstj/IssuesEN.aspx (written in Thai)
2014/8	Utaiwan Chatuporn and Kingkarn Sookhanaphibarn, "Design and Development of Social Media Application for Expanding Experience of Museum Visitors: a Case of Temporarily Closed Museums", RMUTP Research Journal, vol.8, No.2 2014 URL: http://tci-thaijo.org/index.php/RMUTP/issue/view/2555 (written in Thai)
2012/2	Alejandro Toledo, Kingkarn Sookhanaphibarn, Ruck Thawonmas, and Frank Rinaldo, "Evolutionary Computation for Label Layout on Unused Space of Stacked Graphs," ISRN Artificial Intelligence, vol. 2012, Article ID 139603, 10 pages, 2012. doi:10.5402/2012/139603
2011/2	Alejandro Toledo, Kingkarn Sookhanaphibarn, Ruck Thawonmas, and Frank Rinaldo, "Personalized Recommendation in Interactive Visual Analysis of Stacked Graphs," ISRN Artificial Intelligence, vol. 2012, Article ID 389540, 8 pages, 2012. doi:10.5402/2012/389540

Data Mining

2016	Savetratanakaree, K., Sookhanaphibarn, K., Intakosum, S., & Thawonmas, R. (2016). Borderline Over-sampling in Feature Space for Learning Algorithms in Imbalanced Data Environments. IAENG International Journal of Computer Science, 43(3).
2013	Kingkarn Sookhanaphibarn and Ruck Thawonmas: Exhibition-area segmentation using eigenvectors, International Journal of Digital Content Technology and its Applications, Vol. 7, No. 2, pp. 533-540, 2013
2009	Piruna Polsiri and Kingkarn Sookhanaphibarn, Corporate Distress Prediction Models Using Governance and Financial Variables: Evidence from Thai Listed Firms during the East Asian Economic Crisis, Journal of Economics and Management, 2009, vol. 5, issue 2, pages 273-304
2007	K. Sookhanaphibarn, P. Polsiri, W. Choensawat, Application of neural networks to business bankruptcy analysis in Thailand, International Journal Computational Intelligence Research, Volume/Issue, 3/1
2005	K. Sookhanaphibarn, Developing intelligent data mining and personalization for web-based learning, ASAIHL-Thailand journal.

International Proceedings:

Multimedia Applications

2018/10	Sookhanaphibarn, K., Phukongchai, W., Santad, T., & Choensawat, W. . (2018, October). Towards Bilateral Upper-Limb Rehabilitation after Stroke using Kinect Game. In Consumer Electronics (GCCE), 2018 IEEE 7th Global Conference on (pp. 1-2). IEEE.
2017/10	Ballas, A., Santad, T., Sookhanaphibarn, K., & Choensawat, W. (2017, October). Game-based system for learning labanotation using Microsoft Kinect. In Consumer Electronics (GCCE), 2017 IEEE 6th Global Conference on (pp. 1-3). IEEE.
2016/10	Sookhanaphibarn, K., Choensawat, W., Paliyawan, P., & Thawonmas, R. (2016, October). Virtual reality of fire evacuation training in 3D virtual world. In 2016 IEEE 4th Global Conference on Consumer Electronics (GCCE) (pp. 323-325).
2015/10	Paliyawan, P., Sookhanaphibarn, K., Choensawat, W., & Thawonmas, R. (2015, October). Towards universal kinect interface for fighting games. In Consumer Electronics (GCCE), 2015 IEEE 4th Global Conference on (pp. 332-333). IEEE.
2015/8	Paliyawan, P., Sookhanaphibarn, K., Choensawat, W., & Thawonmas, R. (2015, August). Body motion design and analysis for fighting game interface. In Computational Intelligence and Games (CIG), 2015 IEEE Conference on (pp. 360-367). IEEE.
2014/3	Akekachai Sacfung, Kingkarn Sookhanaphibarn, Worawat Choensawat: Serious Game for Fire Safety Evacuation Plan, Advanced Materials Research, KKU International Engineering, Vol. 931, pp. 583-587, 2014
2013/8	Worawat Choensawat, Kingkarn Sookhanaphibarn, Chommanad Kijkhun, and Kozaburo Hachimura: Toward a New Educational Tool for Thai Dance, Proceedings of the 28th Biennial Conference of the International Council of Kinetography Laban/Labanotation, York University, Toronto, Canada, pp. 201-207, 2013
2013/7	Worawat Choensawat, Kingkarn Sookhanaphibarn, Chommanad Kijkhun, and Kozaburo Hachimura: Desirability of a Teaching and Learning Tool for Thai Dance Body Motion, In Proc. of International Conference on Human-Computer Interaction 2013, Las Vegas, Lecture Notes in Computer Science, Vol. 8013, pp. 171–179, 2013

2013/2	Kingkarn Sookhanaphibarn and Utaiwan Chatuporn: Expanding the experience of museum visitors with a social application on Facebook, The Seventh International Conference on Digital Society (ICDS 2013), Nice, France, Feb 25 to Mar 1, pp. 74-80, 2013
2012/8	Utaiwan Chatuporn, Kingkarn Sookhanaphibarn, and Wutnipong Warakraisawad: Expanding the experience of museum visitors with our proposed application on social media, International Conference on Engineering, Applied Science, and Technology (ICEAST 2012), November 21-24, 2012
2006	K. Sookhanaphibarn, P. Polsiri, W. Choensawat, and F. C. Lin "Application of Neural Networks to Business Bankruptcy Analysis in Thailand", Proceeding of The 13th International Conference on Neural Information Processing (ICONIP'06), October 2-6, 2006.

Visual Analytics and User Modeling

2018/10	Sookhanaphibarn, T. & Sookhanaphibarn, K.. (2018, October). Enhancing Table-Tennis Learning Outcome Using Video-Based Self-Recording During Play and Practice In Consumer Electronics (GCCE), 2018 IEEE 7th Global Conference on (pp. 1-2). IEEE
2017/10	Sookhanaphibarn, K., Ketchaikosoal, V., & Kanjanayothin, C. (2017, October). Optimum button size and reading character size on mobile user interface for Thai elderly people. In Consumer Electronics (GCCE), 2017 IEEE 6th Global Conference on (pp. 1-2). IEEE.
2013/3	Kingkarn Sookhanaphibarn and Utaiwan Chatuporn: Expanding the experience of museum visitors with a social application on Facebook, The Seventh International Conference on Digital Society (ICDS 2013) , Nice, France, pp. 7, 2013
2012/12	Ekachai Kanyanucharat, Kingkarn Sookhanaphibarn, Don Isarakorn: Identification of Student Routine Structure from Wireless Access: A Case Study of Bangkok University, The Eighth International Conference on Wireless Communication and Sensor Network (WCSN-2012), CD-ROM, Thailand, pp. 7, 2012
2012/11	Utaiwan Chatuporn, Kingkarn Sookhanaphibarn, and Wutnipong Warakraisawad: Expanding the experience of museum visitors with our proposed application on social media, International Conference on Engineering, Applied Science, and Technology (ICEAST 2012), November 21-24, 2012
2012/02	Kingkarn Sookhanaphibarn, Ruck Thawonmas, and Frank Rinaldo, "Eigenplaces for Segmenting Exhibition Space," accepted for presentation at the 4th Annual Asian GAME-ON Conference on Simulation and AI in Computer Games (GAMEON ASIA 2012), Kyoto, Feb. 24-25, 2012.
2011/10	Alejandro Toledo, Kingkarn Sookhanapibarn, Ruck Thawonmas and Frank Rinaldo, "Visual Recommendations from Japanese Historical Diary," accepted for presentation at the Second International Conference on Culture and Computing (Culture and Computing 2011), Kyoto, Japan, Oct. 20-22, 2011
2011/06	Sookhanaphibarn, K., Thawonmas, R., and Rinaldo, F., "Visualization of Visitor Circulation in Arts and Cultural Exhibition", accepted for poster presentation at DH2011 – Digital Humanities, Stanford University, USA, June 19-22, 2011.
2011/03	Kingkarn Sookhanaphibarn, Ruck Thawonmas, Frank Rinaldo, and Nadia Magnenat Thalmann, "A Model of Visitor Circulation Simulation," Proc. of the 3rd Annual Asian GAME-ON Conference on Simulation and AI in Computer Games (GAMEON ASIA 2011), Singapore, pp. 35-37, Mar. 1-3, 2011.

2011/05	Sookhanaphibarn, K., Thawonmas, R., Rinaldo, F, and Chen, K.T., "Spatiotemporal Analysis of Circulation Behaviors Using Path And Residing Time DisplaY (PARTY)", accepted for oral presentation at DMDCM 2011 – Workshop on Digital Media and Digital Content Management, Hangzhou, China, May 15-16, 2011.
2010/11	Sookhanaphibarn, K., Thawonmas, R., Rinaldo, F, and Chen, K.T., "Spatiotemporal Analysis in Virtual Environments using Eigenbehaviors," accepted for oral presentation at ACE 2010 - The 7th Advances in Computer Entertainment Technology Conference, Taipei, Taiwan, November 17-19, 2010.
2010/9	Sookhanaphibarn, K. and Thawonmas, R. "An On-Line Classification Approach of Visitors' Movements in 3D Virtual Museums, " Proc. of the 2nd IFIP Entertainment Computing Symposium "Cultural Computing" (ECS-2010), 20-23 Sep. 2010, Brisbane, Australia, published in IFIP Advances in Information and Communication Technology, Ryohei Nakatsu, et al. (Eds.), vol. 333, pp. 9-20.
2010/7	Sookhanaphibarn, K. and Thawonmas, R. "Visualization and Analysis of Visiting Styles in 3D Virtual Museums," Abstracts of Digital Humanities 2010 (DH2010), King's College, London, July 7-10, 2010, pp. 239-243.
2010/6	Sookhanapibarn, K., Thawonmas, R. and Rinaldo, F. "Visual analytics of visitors trajectories for designing an effective exhibition," Proc. of the 9th NICOGRAPH International Conference (CD-ROM), Singapore, Jun. 18-19, 2010, pp. 115-117.
2010/6	Alejandro Toledo, Kingkarn Sookhanapibarn, Ruck Thawonmas, and Frank Rinaldo, "Recommending Views from Stacked Graph Logs," Proc. of the 9th NICOGRAPH International Conference (CD-ROM), Singapore, Jun. 18-19, 2010, pp. 47-48.
2010/6	Alejandro Toledo, Kingkarn Sookhanapibarn, Ruck Thawonmas, and Frank Rinaldo, "Experimental Evaluation of a Stacked Graph Visualization," Poster paper at at Eurographics/IEEE Symposium on Visualization (EuroVis 2010), Bordeaux, France, Jun. 9-11, 2010.
2009/12	Kingkarn Sookhanaphibarn and Ruck Thawonmas, A Movement Data Analysis and Synthesis Tool for Museum Visitors' Behaviors. In Proceedings of IEEE Pacific Rim Conference on Multimedia, Bangkok, Thailand, December 14-18, 2009
2009/12	Alejandro Toledo, Kingkarn Sookhanaphibarn and Ruck Thawonmas, "Similarity and Dissimilarity Patterns in Name Occurrences of Japanese Historical Diary," Proc. of the International Conference of Digital Archives and Digital Humanities 2009, pp. 384-385, National Taiwan University (Taipei, Taiwan), Dec. 1-2, 2009.
2009/12	K. Sookhanaphibarn and R. Thawonmas. Analysis of visitors' behaviors in 3D virtual museums. Proceedings of the International Conference of Digital Achieves and Humanities, held at National Taiwan University, Taipei, Taiwan, December 1-2, 2009 <Poster>
2009/09	Kingkarn Sookhanaphibarn and Ruck Thawonmas, A Framework for Design and Evaluation of Digital Museums in Second Life as Learning Institutions. In Proceedings of IEEE International Conference on Information Hiding and Multimedia Signal Processing (IIH-MSP 2009), Kyoto, Japan, September 12-14, 2009, pp. 1130-1133
2009/09	Kingkarn Sookhanaphibarn and Ruck Thawonmas, A content management system for user-driven museums in second life. In Proceedings of IEEE International Conference on Cyberworld, Bradford, UK., September 7-11, 2009, pp. 185-189

Imaging Technology

2018/10	Silapasuphakornwong, P., Santad, T., Choensawat, W., & Sookhanaphibarn, K. (2018, October). Application of YOLO Deep Learning Model for Real Time Abandoned Baggage Detection. In Consumer Electronics (GCCE), 2018 IEEE 7th Global Conference on (pp. 1-2). IEEE.
2017/10	Silapasuphakornwong, P., & Sookhanaphibarn, K. (2017, October). A conceptual framework for an elder-supported smart home. In Consumer Electronics (GCCE), 2017 IEEE 6th Global Conference on (pp. 1-5). IEEE.
2013/7	Lin, F.C., Weiwei Zhu, Sookhanaphibarn, K., Silapasuphakornwong, P: REMOTE:- A satellite based tsunami early detection system, Geoscience and Remote Sensing Symposium (IGARSS), IEEE International, Melbourne, VIC, 21-26 July 2013, pp. 3694 - 3697, 2013
2012/9	Frank C. Lin, Weiwei Zhu, and Kingkarn Sookhanaphibarn: Detection and Early Warning of Tsunamis by Remote Sensing, 5th International Tsunami Symposium, 3-5 September 2012, Ispra Italy., 2012
2012/7	Frank C. Lin, Weiwei Zhu, and Kingkarn Sookhanaphibarn: Tsunami Detection by Remote Sensing in Infrared Space, IGARSS 2012 Symposium, 22-27 July 2012, Munich Germany, 2012
2011/07	Lin, F. and Sookhanaphibarn, K. "Representation of Tsunamis in Generalized Hyperspace", IEEE Geoscience and Remote Sensing Society, Vancouver, Canada, July 24-29, 2011, Vancouver, Canada
2009/06	Jakarin Smitaveja, Kingkarn Sookhanaphibarn, Chidchanok Lursinsap, "Facial Metrical and Caricature-Pattern-Based Learning in Neural Network System for Face Recognition," Computer and Information Science, ACIS International Conference on, pp. 660-665
2009/03	Dumrong Sutapirat, Kingkarn Sookhanaphibarn and Chidchanok Lursinsap, Model-Based Book Dewarping Method for Content-Independent Document Images, Proceedings of International Conference on Digital Image Processing (ICDIP 2009), Bangkok, Thailand, 7-9 March, 2009
2006	K. Sookhanaphibarn, C. Lursinsap, and K.W. Wong, "Unbalanced Scaling and Rotation Invariant Recognition by Eigenvector-Based Fuzzy c-Mean Approach", Proceeding of Joint 3rd International Conference on Soft Computing and Intelligent Systems and 7th International Symposium on advanced Intelligent Systems, (SCIS&ISIS'06), September 20-24, 2006.
2002	K. Sookhanaphibarn, K.W. Wong and C. Lursinsap, "Application of hierarchical self-organizing mapping to invariant recognition of color-texture images", Proceeding of the 9th International Conference on Neural Information Processing (ICONIP' 02), November 2002.
2001/12	Kingkarn Sookhanaphibarn and Chidchanok Lursinsap, "Rotation and scaling invariant self-organizing mapping", Proceeding of the 10th IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2001), December 2001, Vol. 1, pp. 203-206.
2001/11	K. Sookhanaphibarn and C. Lursinsap, "Feature extraction with color texture-sensitive, rotational and scaling invariant capability using eigenvector-guided self-organizing mapping", Proceeding of the 8th International Conference on Neural Information Processing (ICONIP' 01), November 2001.

Data Mining

2014/3	Kittipat Savetratanakaree, Kingkarn Sookhanaphibarn, Sarun Intakosum, Ruck Thawonmas, Kuan-Ta Chen : Departure Prediction of Online Game Players, Advanced Materials Research, KKU International Engineering, Vol. 931, pp. 1370-1374, 2014
2013/11	Kittipat Savetratanakaree, Kingkarn Sookhanaphibarn, and Sarun Intakosum a: Online Game Player's Behavior by using Hidden Markov Model, Proc.

	International Conference on Engineering,Applied Sciences, and Technology (ICEAST 2013), pp. 274-277, 2013
2013/7	Kingkarn Sookhanaphibarn and Ekachai Kanyanucharat: Empirical Study of Routine Structure in University Campus, In Proceedings of International Conference on Human-Computer Interaction, Online Communities and Social Computing, Lecture Notes in Computer Science , Las Vegus, USA, July 21-26, Vol. 8029, pp. 201-209, 2013
2006	K. Sookhanaphibarn, P. Polsiri, W. Choensawat, and F. C. Lin "Application of Neural Networks to Business Bankruptcy Analysis in Thailand", Proceeding of The 13th International Conference on Neural Information Processing (ICONIP'06), October 2-6, 2006.
2006	W. Choensawat, P. Polsiri, and K. Sookhanaphibarn, "Predicting Financial Institution Failure with Financial and Ownership Variables using Logit and Neural Networks: Evidence from the East Asian Crisis",Proceeding of Joint 3rd International Conference on Soft Computing and Intelligent Systems and 7th International Symposium on advanced Intelligent Systems, (SCIS&ISIS'06), September 20-24, 2006.
1999	K. Sookhanaphibarn and C. Lursinsap, "Genetic self-recovery micro-rollback synthesis", Proceeding of Congress on Evolutionary Computation (CEC'99), July 1999, Vol. 2, pp. 1194-1199.

National Proceedings:

2010	Supaporn Lamnoi, Kingkarn Sookhanaphibarn, Ruck Thawonmas, Mitsuyuki Inaba, "Adaptive Visiting Route for Learning Japanese Arts and Cultures in Second Life", The 6th Joint Workshop on Machine Perception and Robotics (CD-ROM), October 8-9, 2010, Fukaoka, Japan <Poster>
1998	K. Sookhanaphibarn, T. Kitcharoensup, J. Wuttichaivoragul and C. Lursinsap, ``Recognition of naked bodies by supervised neural network", The National Computer Science and Engineering Conference (NCSEC'98), Thailand, December 1998.
1998	K. Sookhanaphibarn and C. Lursinsap, "Applying genetic algorithm to high-level synthesis", The Second Annual National Symposium on Computational Science and Engineering (ANSCSE' 98), Thailand, March 1998, pp. 225-232.

Work Experiences:

May 2014 - Present	Assistant Professor in Lecturer in School of Science and Technology, Bangkok University, Bangkok, Thailand
August 2016 – July 2018	Associate Dean in School of Science and Technology, Bangkok University, Bangkok, Thailand
June 2015 – July 2016	Head of Department in Computer Science, School of Science and Technology, Bangkok University, Bangkok, Thailand
June 2012 - April 2014	Lecturer in School of Science and Technology, Bangkok University, Bangkok, Thailand
Jan 2012 -March 2012	Visiting Professor at Centre for Advanced Spatial Analysis (CASA), University College London (UCL), London, United Kingdom
Jan 2011 - March 2011	Visiting Professor at Institute for Media Innovation (IMI) Nanyang Technological University (NTU), Singapore
April 2009 - Mar 2012	Post-doctoral research fellow in GCOE Program at Ritsumeikan University, Japan
2008	Researcher in Tsunami Warning System Project under Department of

	Physics, Chulalongkorn University.
May 2006 – March 2009	Lecturer in Department of Imaging and Printing technology, Faculty of Sciences, Chulalongkorn University.
October 2005 –March 2009	Researcher in Advanced Virtual and Intelligent Computing Center, Faculty of Sciences, Chulalongkorn University.
2003 – April 2006	Secretary of Information Technology department, Dhurakij Pundit University.
2003 – March 2009	Invited lecturer at Phranakhon Rajabhat University, Bangkok University, Eastern Asia University, Kasem Bundit University and Mae Fah Luang University.
April 2002 - December 2002	Visiting Researcher at School of Information Technology, Murdoch University, Western Australia, Australia supported by Thailand Research Fund (TRF) during April – December 2002.
1999 – September 2005	RGJ Research Assistant under PhD supervisor Prof. Dr. Chidchanok Lursinsap (recipient of RGJ. grant) on the problem of invariant pattern recognition by applying the variance techniques of Neural Networks such as Pulse-Coupled Neural Network (PCNN), High-Order Neural Network (HONN), and Self-Organizing Mapping (SOM).
1999 - 2001	Working as a system and network administrator of AVIC Center.
1998	Building an 8-PC Cluster of Linux system and making programs which run Parallel Programming with MPI (Message-Passing Interface). Those programs used a strategy of Parallel Computing.
1997 - 1998	Investigating the High-Level Synthesis Problem as well as the Micro-Rollback Problem by applying Genetic Algorithm.
1996 - 1997	Investigating the speech recognition problem under the title of "A Phoneme-based Isolated-Word Approach towards 0-9 Thai Numeral Speech Recognition".
1995	Training as a programmer in Shinawat Paging Company, developing programs on Sybase.

Teaching Experiences:

Graduate Classes

2012-Present	Lecturer in School of Science and Technology at Bangkok University Subjects: Software Engineering (ITM503)

May 2006 – April 2009	Lecture in Faculty of Sciences at Chulalongkorn University. Subjects:
	    Digital Image Processing (2313608)
	    Math for Image (2313613).

2005	Lecture in Business Administration at Eastern Asia. Topic: Performance Evaluation based on IT.

English Programs

2005 – March 2009	Lecture in Information Technology at Mae Fah Luang University. Subjects:
	    Network operating system (1502321)
	    Advanced Database System (1302325).

2005	Lecture in Information Technology at Dhurakij Pundit University. Subject: Computer Organization (ET210)

Undergraduate Classes

2012-Present	Lecturer in School of Science and Technology at Bangkok University Subjects: Operating Systems (CS420, CS422, IT430, SE202) Organization of Programming Languages (CS410)
2006 – 2009	Lecture in Faculty of Sciences at Chulalongkorn University.

	Subjects: Multimedia Technology (2313209)
2006 – 2009	Lecture in Information Technology Program at Bangkok University.
	Subject: Operating systems (IT430)
2004 – 2009	Lecture in Computer Science Program at Bangkok University.
	Subjects:
	Operating systems I (CS420)
	Operating systems II (CS421)
2005 – 2008	Lecture in Software Engineering Program at Bangkok University.
	Subjects: Operating systems (SE202)
2005 – 2006	Lecture in Business Administration at Kasem Bundit University.
	Subjects:
	Micro-computer(CP.310)
	Open Source(CP.432)
2005 – 2006	Lecture in Engineering at Eastern Asia.
	Subject: Engineering Management.
2003 – 2006	Lecture in Computer Science Program at Phranakhon Rajabhat University.
	Subjects:
	Data structure and algorithms
	Operations research (4122504)
	Programming application for statistic and research (SPSS).
2003 – 2006	Lecture in Information Technology at Dhurakij Pundit University.
	Subjects:
	Data structure and Algorithm (BT318, IT218)
	Software Engineering (IT307)
	Artificial Intelligence (IT317)
	Ethics for IT (IT304)
	Computer Organization (BT343)
	Network Administration (BT348)
	Internet (BT314)
	Multimedia programming in WWW (BT312).