

Chomtip Pornpanomchai

Address

Faculty of ICT
Mahidol University
999 Puttamonthon Rd. Salaya
Nakhon Pathom 73170 Thailand

Tel: +66 2 441 0909
Fax: +66 2 849 6099
Email: chomtip.por@mahidol.ac.th

Research Interests

Artificial Intelligence, Pattern Recognition, Digital Image Processing.

Professional Experience

Associated Professor, Faculty of ICT, Mahidol University, Thailand.

Education

Doctor of Technical Science (D.Tech.Sc.) - Computer Science, Asian Institute of Technology
Master of Science (M.S.) - Computer Science, Chulalongkorn University
Bachelor of Science (B.S.) - General Science, Kasetsart University

Doctoral Student Supervision

Name	Year, Graduated University
Benjamaporn Lursthut	2017, Faculty of ICT, Mahidol University

Publication Statistics

Journal Articles: 20

Conference Papers: 53

Citations: Scopus: 146 (36 for journal and 110 for conference proceeding)

Publications (available at: https://www.ict.mahidol.ac.th/th/?page_id=4601)

1. P. Chomtip, V. Adhisaya, L. Kanhokthorn, L. Phoptorn, “Banana (*Musa Acuminata* Triploid AAA, Cavendish) Sweetness Measurement by Digital Image Processing Technique”, *International Journal of Design Analysis and Tools for Integrated Circuits and System*, Vol 7, No 1, Page 34 – 37, October 2018
2. Chomtip Pornpanomchai, Jitti Somsiri, Achiraya Toaditthep, Ariya Promdeerach, “Rock-paper-scissors Game between Human and Computer”, *International Journal of Design Analysis and Tools for Integrated Circuits and System*, Vol 6, No 1, Page 1-5, October 2017
3. Lursthut Benjamaporn, Pornpanomchai Chomtip “Image analysis based on color, shape and texture for rice seed (*Oryza sativa L.*) germination evaluation” *Agriculture and Natural Resources*, Vol. 51 No.5, Page 383-389, 2017.
4. Chomtip Pornpanomchai, Jitti Somsiri, Achiraya Toaditthep, Ariya Promdeerach, “Rock-paper-scissors game between human and computer”, *International Journal of Design, Analysis and Tools for Integrated Circuits and Systems*, Vol. 6 No. 1, Page 1-6, October 2017.
5. Benjamaporn Lursthut, Chomtip Pornpanomchai, “Application of Image Processing and Computer Vision on Rice Seed Germination Analysis”, *International Journal of Applied Engineering Research*. Vol. 11 No. 9: Page 6800-6807, 2016.
6. Benjamaporn Lursthut, Chomtip Pornpanomchai, “Rice Seed Germination Analysis” *International Journal of Computer Applications Technology and Research* 2016; Vol. No. 4, Page 176-182, 2016
7. Chomtip Pornpanomchai, Kritapol Jantapalaboon, Rattasart Pankanoon, Apisorn Hansapinyo, “Display Food Calorie by Using Image Processing Method”, *Annual conference on Engineering and Information Technology (ACEAIT 2017)*, Page 152-161, Nagoya, Japan, March 29-31, 2016.
8. Chomtip Pornpanomchai, Kornkrit Supayanant, Anaphat Tse, , “Pineapple Sweetness Measurement by Digital Image Processing”, *The International Computer Science and Engineering Conference (ICSEC 2016)*, Chiang Mai, Thailand, December 14-17, 2016.
9. Teerach Ittaturut, Akkarote Lekhalawan, Watcharapong Tangjitwattanakorn, Chomtip Pornpanomchai, “Apple Sweetness Measurement By Image Processing Technique”, *ICT International Student Project Conference (ICT-ISPC 2016)*, Page 182-185, Nakhon Pathom, Thailand, May 27-28, 2016.
10. Jetnipit Saegnwiapat, Kornkrit Supayanant, Anaphat Tse, Chomtip Pornpanomchai, “Unmanned Tank”, *ICT International Student Project Conference (ICT-ISPC 2016)*, Page 73-76, Nakhon Pathom, Thailand, May 27-28, 2016.

11. Chomtip Pornpanomchai and Benjamaporn Lursthut “Fruit Seed Image Recognition System (FSIRS)”, Annual conference on Engineering and Information Technology (ACEAIT 2016), Page 208-218, Kyoto, Japan, March 29-31, 2016.
12. Chomtip Pornpanomchai, Pimchanok Puttong, Passakorn Boonsripornchai and Chonnipa Rattananirundorn, “Logo Recognition System”, International Computer Science and Engineering Conference 2015 (ICSEC 2015), Page 1-6, Chiang Mai, Thailand, 23-26 November 2015.
13. Chomtip Pornpanomchai, Noppawit Hansompob, Pattarapond Sukvanachaikul and Benjawan Asomnu, “Children-Toy Robot Automatically Detect and Move to a Targeted Color Object”, International Computer Science and Engineering Conference 2015 (ICSEC 2015), Page 1-6, Chiang Mai, Thailand, 23-26 November 2015.
14. Chomtip Pornpanomchai, Pharada Kumkhuntee, Praewpat Pupanead and Supicha Pansailom, “Building and Scenery Recognition using SURF”, International Research Conference on Engineering and Technology (IRCET 2015), page 204-213, Bangkok, Thailand, 27-29 June 2015
15. Chomtip Pornpanomchai and Pimprapai Leerasakultham, “Postage Stamp Recognition System Using Artificial Neural Networks”, The 3rd Annual Conference on Engineering and Information Technology (ACEAIT 2015), page 26-33, Osaka, Japan. 22-24 March 2015.
16. Chomtip Pornpanomchai and Waranat Kitiyanan, “Thai Buddhist Amulet Recognition System”, International Conference on Informatics and Advanced Computing (ICIAC-14), page 8-13, Bangkok, Thailand, 30-31 December 2014.
17. Chomtip Pornpanomchai, Patchara Treejakhajohn, Narumon Jidturongarpon and Suntaree Pongpisansakul, “Postage Stamp Image Inpainting System”, Seoul International Conference on Applied Science and Engineering (SICASE 2014), Page 72-80, Seoul, South Korea, 29-31 August 2014.
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21. Chomtip Pornpanomchai, Natdanai Srisupornwattana, "Buddhist amulet coin recognition by Genetic Algorithm", The International Computer Science and Engineering Conference (ICSEC 2013), Page 329-332, Bangkok, Thailand, 4-6 September, 2013.
22. Chomtip Pornpanomchai, Pranawee Ngamwongsakollert, Pornnipa Tangpitaksamer and Chavika Wonvattanakij, "Thai-Speech-to-Text Transformation Using Dictionary-Based Technique", The International Conference on Software and Information Management (ICSIM 2012), Page 65-69, Bangkok, Thailand, 24-25 November 2012.
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24. Chomtip Pornpanomchai, Thatsuda Pongsangiam, Rasawaree Lertanantachai, and Piyaphorn Limwattananukoon "Offline Signature Identification and Verification (OSIV)", The International Senior Project Conference and IEEE Senior Project Contest", Page 75-78, Nakorn Pathom, Thailand, 20 April 2012.
25. Chomtip Pornpanomchai, Maliwan Keewiriyakul, Isara Rungvitayakul, Kanit Sintadtasophon, and Narawichaya Supaporn "Self Driving RC-Car (SDRCC)", The International Senior Project Conference and IEEE Senior Project Contest", Page 79-82, Nakorn Pathom, Thailand, 20 April 2012.
26. Chomtip Pornpanomchai, Eknatee Sanguansin, Pongsakorn Vijaisutakit, and Sutthapa Sutthentara, "E-Smell: Smell for E-commerce", The International Senior Project Conference and IEEE Senior Project Contest", Page 147-150, Nakorn Pathom, Thailand, 20 April 2012.
27. Pornpanomchai Chomtip, Sukklay Phichate, Telerobot Arm (TRA). Applied Mechanics and Materials 2012; 110-116: 5155-5160.
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42. Chomtip Pornpanomchai, Parichart Leechor , "Controlling RC Car by Voice Commands", The 2nd NPRU National Conference, Nakhon Pathom, Thailand, Page 495-500, June 15-17, 2010.
43. Chomtip Pornpanomchai, Naret Chantharangsikul, "Ribbed Smoked Sheet Grading System (RSSGS)", The 2010 International Conference on Electronics and Information Engineering (ICEIE 2010), Kyoto, Japan, Page V1 128-132, August 1-3, 2010.
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