PERSONAL DATA



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PUBLICATIONS SUMMARY

3	10
International Journal	International. Proceedings

Total Publications: 13

EDUCATION

Ph.D. Degree	2025	*Ph.D.* (Computer Science and Information Engineering*), National Taiwan Normal University.*
Master Degree	2015	*M.Sc. (Software Engineering), King Mongkut's University of Technology Thonburi.*
Bachelor Degree	2012	*B.Eng (Computer Engineering), Prince of Songkla University.*

RESEARCH INTERESTS

Artificial Intelligence of Things

Image processing

Problem optimization

APPOINTMENT

3 November 2025

TEACHING

977-344 Robotics And Automation System
976-566 Medical Digital Technology
977-358 Digital Technology for Medical Innovation

TRAINING

Data Mining with Weka (certified by the university of Waikato)
IBM certified solution designer rational software architect (certified by IBM)

INTERNATIONAL JOURNAL ARTICLES

T Visutarrom T C Chiang,Chiang,“Economic dispatch using metaheuristics algorithms, problems, and solutions" Applied soft computing, 150 2024 1 43.

https://www.sciencedirect.com/science/article/pii/S1568494623009092

1/2024

P Mongkolnam, Y Booranrom, B Watanapa, T Visutarrom J H Chan, C Nukoolkit, “Smart bedroom for the elderly with gesture and posture analyses using Kinect Maejo International Journal of Science and Technology, 11 2017 1 16

https://mijst.mju.ac.th/vol11/1-16.pdf

1/2017

J H Chan, T Visutarrom S B Cho, W Engchuan, P Mongkolnam, S Fong, A hybrid approach to human posture classification during TV watching, Journal of Medical Imaging and Health Informatics, 6 2016 1119 1126

8/2016 *https://www.ingentaconnect.com/content/asp/jmihi/2016/00000006/00000004/art00031*

INTERNATIONAL PROCEEDINGS

CT Chang, T Visutarrom, T C Chiang, Multiobjective Optimization Using Age-MOEA-II with Improved Environmental Selection, in Proceedings of 2025 International Conference on Machine Intelligence and Nature-Inspired Computing (MIND), Xiamen, China, 2025.

https://ieeexplore.ieee.org/document/11351680/

1/2026

H J Ko, T Visutarrom T C Chiang, Dynamic economic emission dispatch through evolutionary multiobjective optimization An experimental study, in Proceedings of 2022 IEEE Symposium Series on Computational Intelligence SSCI Singapore, 2022, 750-759.

https://ieeexplore.ieee.org/document/10022187

12/2022

T C Chiang, T Visutarrom S Kulturel Konak, A Konak, An adaptive multiobjective evolutionary algorithm for economic emission dispatch, in Proceedings of 2022 IEEE Congress on Evolutionary Computation Padua, Italy, 2022, 1-8

https://ieeexplore.ieee.org/document/9870330

7/2022

T Visutarrom T C Chiang, A Konak, S Kulturel Konak, Reinforcement Learning Based Differential Evolution for Solving Economic Dispatch Problems, in Proceedings of 2020 IEEE International Conference on Industrial Engineering and Engineering Management, Singapore, 2020, 913-917

https://ieeexplore.ieee.org/document/9309983

12/2020

T Visutarrom T C Chiang, Environmental/Economic Dispatch using Multiobjective Adaptive Differential Evolution with Hybrid Mutation, in Proceedings of 2019 International Conference on Technologies and Applications of Artificial Intelligence, Kaohsiung, Taiwan, 2019, 1-6.

https://ieeexplore.ieee.org/document/8959924

11/2019

T Visutarrom T C Chiang, An Evolutionary Algorithm with Heuristic Longest Cycle Crossover for Solving the Capacitated Vehicle Routing Problem, in Proceedings of 2019 IEEE Congress on Evolutionary Computation, Wellington, New Zealand, 2019, 673-680.

https://ieeexplore.ieee.org/document/8789946

6/2019

C Y Wu, T Visutarrom T C Chiang, Green Vehicle Routing Problem The Tradeoff between Travel Distance and Carbon Emissions, in Proceedings of 2018 15 th International Conference on Control, Automation, Robotics and Vision, Singapore, 2018, 1659-1664.

https://ieeexplore.ieee.org/document/8581240

11/2018

N Limdumrongnukoon, P Mongkolnam, T Visutarrom J H Chan, User Interface of Multimedia Delivery Platform for the Elderly, in Proceedings of the 6 th International Conference on Applications of Digital Information and Web Technologies, Macau, China, 2015, 55-67.

https://ebooks.iospress.nl/publication/39119

2/2015

T Visutarrom P Mongkolnam, J H Chan, Multiple Stage Classification of Human Poses while Watching Television, in Proceedings of 2014 2 nd International Symposium on Computational and Business Intelligence, Delhi, India, 2014, 10-16.

https://ieeexplore.ieee.org/document/7119524

12/2014

T Visutarrom P Mongkolnam, J H Chan, Postural classification using Kinect, in Proceedings of 2014 International Computer Science and Engineering Conference, Khon Kaen, Thailand, 2014, 403-408.

https://ieeexplore.ieee.org/document/6978231

7/2014

AWARDS

- Excellent Research paper Award from college of science, NTNU (2021/2023)
- The best paper award from IEEM conference (12/2020)
- The 3 rd winner in the 13 th national software contest NSC 2011 (02/2011)

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