

DR.SUPANSA CHAISING (Lecturer)



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Education:

- **Bachelor's degree:** Accounting Major, School of Management, Mae Fah Luang University. (2014)
 - **Master's degree:** Computer Engineering Major, School of Information Technology, Mae Fah Luang University. (2018)
The ERASMUS MUNDUS programme at the International Graduate School for Dynamics in Logistic at University of Bremen, Germany.
 - **Doctor of Philosophy:** Computer Engineering Major, School of Information Technology, Mae Fah Luang University. (2021)
CTIF Global Capsule, Department of Business Development and Technology, Aarhus University, Denmark.
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Teaching:

- Using Spreadsheet Software for Accounting
 - Accounting Information Systems
 - Analysis and Design of Accounting Information System
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Area of Interest:

Artificial Intelligence; Machine Learning; Pattern Recognition; Data Analytics; Accounting Information Systems.

Researches & Publications:

- Chaisricharoen, R., Srimaharaj, W., **Chaising, S.**, & Pamanee, K. (2022, January). Classification Approach for Industry Standards Categorization. In 2022 Joint International Conference on Digital Arts, Media and Technology with ECTI Northern Section Conference on Electrical, Electronics, Computer and Telecommunications Engineering (ECTI DAMT & NCON) (pp. 308-313). IEEE.
<https://doi.org/10.1109/ECTIDAMTNCON53731.2022.9720348>
- Nuankaew, P., **Chaising, S.**, & Temdee, P. (2021). Average weighted objective distance-based method for type 2 diabetes prediction. IEEE Access, 9, 137015-137028. <https://doi.org/10.1109/ACCESS.2021.3117269>
- **Chaising, S.**, Temdee, P., & Prasad, R. (2021). Individual Attribute Selection Using Information Gain based Distance for Group Classification of Elderly People with Hypertension. IEEE Access, 9, 82713 – 82725. <https://doi.org/10.1109/ACCESS.2021.3084623>
- Boongasame, L., **Chaising, S.**, & Temdee, P. (2021). Blockchain-based Trusty Buyer Coalition Scheme Using A Group Signature. Journal of Mobile Multimedia, 203-230. <https://doi.org/10.13052/jmm1550-4646.1823>
- **Chaising, S.**, Temdee, P., & Prasad, R. (2020). Weighted objective distance for the classification of elderly people with hypertension. Knowledge-Based Systems, 210, 106441. <https://doi.org/10.1016/j.knosys.2020.106441>
- **Chaising, S.**, & Temdee, P. (2020). Determining Significant Risk Factors for Preventing Elderly People with Hypertension from Cardiovascular Disease Complication Using Maximum Objective Distance. Wireless Personal Communications. <https://doi.org/10.1007/s11277-020-07195-4>
- Srimaharaj, W., **Chaising, S.**, Sittiprapaporn, P., Temdee, P., & Chaisricharoen, R. (2020). Effective Method for Identifying Student Learning Ability During Classroom Focused on Cognitive Performance. Wireless Personal Communications, 1-18.
<https://doi.org/10.1007/s11277-020-07197-2>

- Srimaharaj, W., Chaipakornwong, T., Punyahotra, V., **Chaising, S.**, Temdee, P., Chaisricharoen, R., & Sittiprapaporn, P. (2020, November). Correlation of Attention and Relaxation Levels to Interactive Self-learning Classroom Indexed by eSense Meters. In Proceedings of the Future Technologies Conference (pp. 827-837). Springer, Cham.
- **Chaising, S.**, Prasad, R. & Temdee, P. (2019). Personalized Recommendation Method for Preventing Elderly People from Cardiovascular Disease Complication Using Integrated Objective Distance. Wireless Personal Communications.
<https://doi.org/10.1007/s11277-019-06639-w>
- **Chaising, S.** & Haasis, H-D. (2019). Cloud computing for logistics and procurement services for SMEs and raw material suppliers. Int. J. Logistics Systems and Management. <https://doi.org/10.1504/IJLSM.2020.10031144>
- He, C., **Chaising, S.**, & Temdee, P. (2019, November). Classification of Elderly Group with Hypertension for Preventing Cardiovascular Disease Complication. In 2019 22nd International Symposium on Wireless Personal Multimedia Communications (WPMC) (pp. 1-5). IEEE.
<https://10.1109/WPMC48795.2019.9096081>
- Srimaharaj, W., Chaisricharoen, R., **Chaising, S.**, & Sittiprapaporn, P. (2018, February). Classification of human brain attention focused on meditation, effected by L-theanine acid in Oolong tea. In 2018 International Conference on Digital Arts, Media and Technology (ICDAMT) (pp. 262-266). IEEE.
<https://doi:10.1109/ICDAMT.2018.8376536>
- **Chaising, S.**, & Temdee, P. (2018, November). Determining recommendations for preventing elderly people from cardiovascular disease complication using objective distance. In 2018 Global Wireless Summit (GWS) (pp. 151-155). IEEE.<https://doi:10.1109/GWS.2018.8686527>
- Srimaharaj, W., **Chaising, S.**, Temdee, P., Chaisricharoen, R., & Sittiprapaporn, P. (2018, November). Brain cognitive performance identification for student learning in classroom. In 2018 Global Wireless Summit (GWS) (pp. 102-106). IEEE.
<https://doi:10.1109/GWS.2018.8686639>
- Dutsinma, F. L., **Chaising, S.**, Srimaharaj, W., Chaisricharoen, R., & Temdee, P. (2018, November). Identifying Child Learning Style by Using

Human Physiological Response and VARK Model. In 2018 Global Wireless Summit (GWS) (pp. 304-308). IEEE.

<https://doi: 10.1109/GWS.2018.8686547>

- Chaisricharoen, R., Srimaharaj, W., **Chaising, S.**, Boonyanant, P., & Laohapensaeng, T. (2018, November). Control System for Synchronous Battery-Less Solar-Powered Series Water Pumps. In 2018 Global Wireless Summit (GWS) (pp. 251-255). IEEE. 16.

<https://doi: 10.1109/GWS.2018.8686627>

- **Chaising, S.**, & Temdee, P. (2017). Selecting of Raw Material Supplier Using Fuzzy Analytic Hierarchy Process Algorithm for Small and Medium Enterprises. In 2017 International Conference on Electronics, Information, and Communication (ICEIC) (pp. 349-352).
- **Chaising, S.**, & Temdee, P. (2017, March). Application of a hybrid multi-criteria decision making approach for selecting of raw material supplier for small and medium enterprises. In 2017 International Conference on Digital Arts, Media and Technology (ICDAMT) (pp. 104-109). IEEE.

<https://doi: 10.1109/ICDAMT.2017.7904944>

Awards, Scholarship, and Grants:

- 2018-2021: The Royal Golden Jubilee Ph.D. Programme by Thailand Research Fund (PhD Degree)
- 2017-2018: The gLINK Erasmus Mundus scholarship by The European Commission (Master's degree)