

Curriculum Vitae

Personal Information

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Teaching and Working Experience

October 2012 - present Burapha University, Thailand
Lecturer at the Faculty of Informatics

Education

January 2014 – May 2020 Ph.D. (Computer Engineering), Chulalongkorn University,
Bangkok, Thailand.
Topic: Prediction of RNA secondary structure using evolutionary
algorithm

May 2010 – March 2012 M.Sc. (Information Technology), Burapha University, Chonburi,
Thailand.
Topic: Algorithm portfolio for classification problem

May 2006 – March 2010 B.Sc. (Computer Science), Burapha University, Chonburi,
Thailand.
Topic: A travel itinerary planning using interactive genetic
algorithm

Interests

- Evolutionary Computing
- Artificial Intelligence
- Bioinformatics

Publications

- Srikamdee, S., & Chongstitvatana, P. (2020). Collaborative Learning of Estimation of Distribution Algorithm for RNA secondary structure prediction. In *ECTI Transactions on Computer and Information Technology (ECTI-CIT)*, 14(1), 92-102.
- Srikamdee, S., & Onpans, J. (2019, October). Forecasting Daily Air Quality in Northern Thailand Using Machine Learning Techniques. In *2019 4th International Conference on Information Technology (InCIT)* (pp. 259-263). IEEE.
- Srikamdee, S., Rimcharoen, S., & Leelathakul, N. (2018, March). Sugarcane Yield and Quality Forecasting Models: Adaptive ES vs. Deep Learning. In *Proceedings of the 2nd International Conference on Intelligent Systems, Metaheuristics & Swarm Intelligence* (pp. 6-11).
- Srikamdee, S., Rimcharoen, S., & Leelathakul, N. (2016). Forecasting Sugarcane Yield Using $(\mu + \lambda)$ Adaptive Evolution Strategies. In *Advances in Computer Science and Ubiquitous Computing* (pp. 154-159). Springer, Singapore.

- Srikamdee, S., Wattanapornprom, W., & Chongstitvatana, P. (2016, September). RNA secondary structure prediction with coincidence algorithm. In *2016 16th International Symposium on Communications and Information Technologies (ISCIT)* (pp. 686-690). IEEE.
- Rimcharoen, S., Leelathakul, N., & Srikamdee, S. (2014, January). A hybrid ($\mu + \lambda$) evolutionary algorithm for evolving simple trading rules: Case study on stock Exchange of Thailand (SET50). In *2014 6th International Conference on Knowledge and Smart Technology (KST)* (pp. 99-104). IEEE.
- Srikamdee, S., Rimcharoen, S., & Leelathakul, N. (2013, December). Prediction of the stock exchange of Thailand index using an evolutionary algorithm portfolio. In *2013 5th International Conference on Knowledge and Smart Technology (KST)* (pp. 144-149). IEEE.
- Srikamdee, S., Rimcharoen, S., & Chinnasarn, K. (2012, July). NeuroEAs-based algorithm portfolios for classification problems. In *Knowledge and Smart Technology (KST)* (pp. 62-68). IEEE.
- Srikamdee, S., Rimcharoen, S., & Chinnasarn, K. (2011, July). A Simple Portfolio Algorithm using Collaborative Learning of GA and ANN for Classification Problem. In *Proceedings of the Third International Conference on Knowledge and Smart Technologies* (Vol. 2011, p. 51).
- Srikamdee, S., & Rimcharoen, S., A Travel Itinerary Planning using Interactive Genetic Algorithm. In *Proceedings of The 7th International Joint Conference on Computer Science and Software Engineering (JCSSE2010)*, Ramkhamhaeng University, Bangkok, Thailand, May 12-14,2010.