Morakot Choetkiertikul

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Nakhon Pathom 73170
Thailand

Research Interests
Artificial Intelligence for Software Engineering, Software Engineering Analytics, Software Maintenance and Evolution, Software Process Improvement, Distributed Software Development.

Professional Experience
Assistant Dean of Academic Administrator, Faculty of ICT, since March 2018

Education
Doctor of Philosophy (Ph.D.), Faculty of Engineering and Information Sciences (EIS), University of Wollongong (UOW), Australia, 2018

Master degree in Computer science (M.Sc.), Faculty of Information and Communication Technology (ICT), Mahidol University, Thailand, 2012

Bachelor degree in Computer science (B.Sc.), Faculty of Information and Communication Technology, Mahidol University, Thailand, 2007

Selected Honors
Ph.D. Thesis Awarded with Examiners' Commendation for Outstanding Thesis – 2018

Best Paper Award, IEEE International Workshop on Empirical Software Engineering in Practice (IWESEP) -- 2018

ACM SIGSOFT Distinguished Paper Award, the 12th Working Conference on Mining Software Repositories (MSR) -- 2015

Selected Professional Service
Reviewer, ACMSE conference, 2019
Web chair, 13th Asia-Pacific Conference on Conceptual Modelling (APCCM)
Research assistant, The Learning Analytics team, University of Wollongong, 2017
ISO29110 consultant, since 2013
Reviewer, International Conference on Software Engineering Advances (ICSEA 2011, 2012)

Selected Invited Talks and Keynote Addresses
Big Data and Data Analytics for job data at Ministry of Labour, Thailand, 2018
Predicting Delivery Risks in Iterative Software Development has been invited for a Journal-First paper presentation at ESEC/FSE, 2017.

Publication Statistics

Journal Articles: 3
Conference Papers: 12
Citations: Google Scholar: 106 with h-index of 7

Selected Publications (Full publication list: https://morakot-ch.com/publications-2/)

Morakot Choetkiertikul, Hoa Khanh Dam, Truyen Tran, Trang Pham, Aditya Ghose, and Tim Menzies, *A deep learning model for estimating story points*, **IEEE Transactions on Software Engineering (TSE)**, accepted on 28/12/2017

Morakot Choetkiertikul, Hoa Khanh Dam, Truyen Tran, Trang Pham, and Aditya Ghose, *Poster:* ***Predicting components for issue reports using deep learning with information retrieval***, Proceedings of the 40th **International Conference on Software Engineering (ICSE)**, 2018, the poster track, ACM

Supatsara Wattanakriengkrai, Rungroj Maipradit, Hideaki Hata, Morakot Choetkiertikul, Thanwadee Sunetnanta, and Kenichi Matsumoto, *Identifying Design and Requirement Self-Admitted Technical Debt Using N-Gram Idf*, Proceeding of the 9th IEEE International Workshop on Empirical Software Engineering in Practice (IWESEP 2018) — **Best Paper Award**

Wisam Haitham Abbood Al-Zubaidi, Hoa Khanh Dam, Morakot Choetkiertikul and Aditya Ghose, *Multi-objective iteration planning in agile development*, Proceedings of the 25th Asia-Pacific Software Engineering Conference, 2018.

Morakot Choetkiertikul, Hoa Khanh Dam, Truyen Tran, Aditya Ghose, and John Grundy, *Predicting Delivery Capability in Iterative Software Development*, **IEEE Transactions on Software Engineering (TSE)**, accepted on 05/04/2017

Morakot Choetkiertikul, Hoa Khanh Dam, Truyen Tran and Aditya Ghose, *Predicting the delay of issues with due dates in software projects*, **Empirical Software Engineering journal (EMSE)** journal, Volume 22, Issue 3, pages 1223-1263, Springer

Morakot Choetkiertikul, Hoa Khanh Dam, Truyen Tran and Aditya Ghose, *Characterization and prediction of issue-related risks in software projects*, Proceedings of 12th Working Conference on Mining Software Repositories (**MSR**), co-located with **ICSE** 2015, pages 280 – 291, IEEE (acceptance rate 30%). (**ACM SIGSOFT Distinguished Paper Award**)