

Pilailuck Panphattarasap

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Research Interests

- Image processing
- Vision-based place recognition and localisation
- Scene understanding
- Map and digital cartography
- Computer graphics

Professional Experience

Lecturer, Faculty of ICT, Mahidol University, 2019 – present
Assistant instructor, Faculty of ICT, Mahidol University, 2011 – 2019
Web Administrator, Faculty of ICT, Mahidol University, 2011 – 2012

Education

PhD in Computer Science, University of Bristol, United Kingdom, 2019
MSc in Computer Science, Advanced computing: Creative technology, University of Bristol, United Kingdom, 2014
Bsc in Computer Science, Multimedia major, Faculty of ICT, Mahidol University, Thailand, 2011

Selected Honors

A full scholarship for Young ICT Instructor Development by Faculty of ICT, Mahidol University, 2011
A full scholarship for ICT Undergraduate by Faculty of ICT, Mahidol University, 2007

Selected Professional Service

Reviewer, IET Computer Vision, 2016
Session Chair Assistant in Thai track, International Joint Conference on Computer Science and Software Engineering (JCSSE), Faculty of ICT, Mahidol University, 2011

Selected Publications

Panphattarasap, P & Calway, A, 2019, 'Automated Map Reading: Image Based Localisation in 2-D Maps Using Binary Semantic Descriptors'. in: 2018 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS 2018): Proceedings of a meeting held 1-5 October 2018, Madrid, Spain. Institute of Electrical and Electronics Engineers (IEEE), pp. 6341-6348

Panphattarasap, P & Calway, A, 2017, 'Visual place recognition using landmark distribution descriptors'. in: Computer Vision - ACCV 2016: 13th Asian Conference on Computer Vision, ACCV 2016, Revised Selected Papers. Springer-Verlag Berlin, pp. 487-502