

Olarik Surinta, PhD

Assistant Professor

Multi-agent Intelligent Simulation Laboratory (MISL) Research Unit
Department of Information Technology, Faculty of Informatics
Mahasarakham University, Thailand
Email: olarik.s@msu.ac.th
Website: <http://olarik.it.msu.ac.th/>



Date of Birth October 1, 1978

Current Position Lecturer at Mahasarakham University
Department of Information Technology, Faculty of Informatics
Mahasarakham University, Thailand

Research ID *Scopus*: 16176331500
ORCID ID: 0000-0002-0644-1435

Research Interests Handwritten character recognition, Historical document analysis,
Artificial intelligence, Machine learning, Deep learning, Image and video
recognition, Computer vision, Image processing

Experience *2018 – Current*
Director of Ph.D. Program in Information Technology, Department of
Information Technology, Faculty of Informatics

2004 – Current
Lecturer, Faculty of Informatics, Mahasarakham University, Thailand
Teaching in Ph.D., Master, and Bachelor degrees of Information Technology

Editorial Board & Guest Editor

- Computer Animation and Virtual Worlds
- ICIC Express Letters, Part B: Applications
- SN Computer Science
- Journal of Computer Science and Informatics Engineering (J-Cosine)
- International Journal of Computer Science, Engineering and Applications (IJCSEA)
- Community University Engagement Journal (CUE-J)
- Journal of Applied Informatics and Technology (JIT)

Education PhD in Artificial Intelligence, 2016
Research Institute: Artificial Intelligence and Cognitive Engineering
(ALICE)
University of Groningen, The Netherlands

MSc in Information Technology, 2003
King Mongkut's Institute of Technology North Bangkok, Bangkok, Thailand

BBA in Information Systems, 1999
Faculty of Business Administration, Department of Information System
Rajamangala Institute of Technology, Thailand

Selected Publications

- Gonwirat, S., **Surinta, O.** and Pawara. P. (2022). Fusion Convolutional Recurrent Neural Networks for Thai and English Video Subtitle Recognition, *ICIC Express Letters*, 16(12), 1331-1339.
- Boonsirisumpun, N. and **Surinta, O.** (2022). Ensemble Multiple CNNs methods with partial Training Set for Vehicle Image Classification. *Science, Engineering and Health Studies*, 16, 22020001.
- Gonwirat, S. and **Surinta, O.** (2022). DeblurGAN-CNN: Effective Image Denoising and Recognition for Noisy Handwritten Characters. *IEEE Access*, 10, 90133-90148.
- Noppitak, S. and **Surinta, O.** (2022). dropCyclic: Snapshot Ensemble Convolutional Neural Network Based on a New Learning Rate Schedule for Land Use Classification, *IEEE Access*, 10, 60725-60737.
- Lata, S., Phiphitphatphaisit, S., Gonwirat, S. and **Surinta, O.** (2022). Dynamic Fingerspelling Recognition from Video Using Deep Learning Approach: From Detection to Recognition, *ICIC Express Letters, Part B: Applications*, 13(9), 949-957.
- Gonwirat, S. and **Surinta, O.** (2022). CycleAugment: Efficient Data Augmentation Strategy for Handwritten Text Recognition in Historical Document Images, *Engineering and Applied Science Research*, 49(4), 505-520.
- Enkvetchakul, P. and **Surinta, O.** (2022). Effective Data Augmentation and Training Techniques for Improving Deep Learning in Plant Leaf Disease Recognition. *Applied Science and Engineering Progress*, 15(3), 1-12.
- Singkhornart, T. and **Surinta, O.** (2022). Multi-Language Video Subtitle Recognition with Convolutional Neural Network and Long Short-Term Memory Networks, *ICIC Express Letters*, 16(6), 647-655.
- Enkvetchakul, P. and **Surinta, O.** (2022). Stacking Ensemble of Lightweight Convolutional Neural Networks for Plant Leaf Disease Recognition, *ICIC Express Letters*, 16(5), 521-528.
- Saichua, P. and **Surinta, O.** (2022). Comparative Study between Ensemble and Fusion Convolutional Neural Networks for Diabetic Retinopathy Classification. *ICIC Express Letters*, 16(4), 401-408.
- Boonsirisumpun, N. and **Surinta, O.** (2022). Fast and Accurate Deep Learning Architecture on Vehicle Type Recognition. *Current Applied Science and Technology*, 22(1) (January-February 2022), 1-16.
- Gonwirat, S. and **Surinta, O.** (2021). Optimal Weighted Parameters of Ensemble CNNs Based on a Differential Evolution Algorithm for Enhancing Pornographic Image Classification, *Engineering and Applied Science Research*, 48(5), 560-569.
- Phiphitphatphaisit, S. and **Surinta, O.** (2021). Deep Feature Extraction Technique Based on Conv1D and LSTM Network for Food Image Recognition, *Engineering and Applied Science Research*, 48(5), 581-592.
- Chompookham, T. and **Surinta, O.** (2021). Ensemble Methods with Deep Convolutional Neural Networks for Plant Leaf Recognition. *ICIC Express Letters*, 15(6), 553-565.
- Noppitak, S. and **Surinta, O.** (2021). Ensemble Convolutional Network Architectures for Land Use Classification in Economic Crops Aerial Images. *ICIC Express Letters*, 15(6), 531-543.