

PERSONAL DATA



Name : Dr. NOPPON LERTCHUWONGSA

Position : Assistant Professor

Email : noppin.l@phuket.psu.ac.th

Phone : -

ORCID : [0009-0003-4879-1681](https://orcid.org/0009-0003-4879-1681)

EDUCATION

Ph.D. Degree	2011	Doctorat en physique (thesis: Segmentation couleur multi caractéristiques appliquée à la stereovision) Très Honorable At Ecole doctoral: Sciences et Technologies de l'information, des Télécommunications et des Systèmes, Université Paris XI, Paris, France.
Master Degree	2004	Masters Degree in Electrical Engineering (thesis: Fingerprint detection by wavelet feature) At King Mongkut's Institute of Technology Ladkrabang, Bangkok, Thailand.
Bachelor Degree	1999	B.Eng. Degree in Telecommunication Engineering (Major: Signal Processing) Second Class Honorable At King Mongkut's Institute of Technology Ladkrabang, Bangkok, Thailand.

RESEARCH INTERESTS

Color Computer Vision



Sensors

RESEARCH PROJECTS

Computer vision application on computer, mobile, Raspberry-Pi IoT systems.

[Research Projects](#)

TEACHING

Signal & Image processing

Circuit & Basic Electronic

SPECIAL TOPICS IN INTELLIGENT OBJECTS I (NEURAL NETWORK AND DEEP LEARNING FOR COMPUTER VISION)

INTERNATIONAL JOURNAL ARTICLES

N. Lertchuwongsa, M. Gouiffès, B. Zavidovique, Enhancing a disparity map by color segmentation, Integrated Computer-Aided Engineering, Volume 19, Number 4 / 2012, p. 381-397

 1/2012

N. Lertchuwongsa, M. Gouiffès, B. Zavidovique, Mixed color/level lines and their stereo-matching, with a modified Hausdorff distance, Integrated Computer-Aided Engineering, vol. 18;no. 2, pp. 107-124, 2011

 1/2011

NATIONAL JOURNAL ARTICLES

นพพน เลิศชูวงศา และ นิพนธ์ ปริญญาวิชัย. 2560.
การปรับปรุงเทคนิคการทำเหมืองข้อมูลเพื่อความเข้าใจพฤติกรรมกรวยหมั่งส้อมในท้องสมุดที่ดีขึ้น, วารสารราชนครินทร์. Vol.14(32), p. 133-144

 /2017

INTERNATIONAL PROCEEDINGS

K. Silanon and N. Lertchuwongsa, "A Novel Classification Layer Technique for ASL Analysis Using CNN," 2023 20th International Joint Conference on Computer Science and Software Engineering (JCSSE), Phitsanulok, Thailand, 2023, pp. 118-122.

 5/2023  Computer vision

L. Noppon and P. Nipon, "The Application of Convolution Neural Network for Coconut Maturity Classification," Proceedings of the 18th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI-CON), Chiang Mai, Thailand, pp. 112-115, 2021.

📅 5/2021 📁 Computer vision

L. Noppon and P. Nipon, (2019). Adapting a Stereo Camera System to Determine Coconut Ages. *Proceedings of 16th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI-CON)*, Pattaya, Chonburi, Thailand, 2019, pp. 802-805

📅 6/2019 📁 Computer Science

Kanghae, S., and Lertchuwongsa, N. 2017. Dental shade with histogram comparison in android. *Proceedings of the 8th PSU-UNS International Conference on Engineering and Technology*. Paper No. T4-1.2 Page 1-4 (Presentation date: 10 June 2017)

📅 1/2017

A. Heednacram and N. Lertchuwongsa, *Information Technology for Reducing Earthquake Impacts on Phuket Torism*, International Conference on 1st Annual PSU Phuket International Conference 2012.

📅 1/2012

N. Lertchuwongsa, M. Gouiffès and B. Zavidovique, "Mixed color/level lines and their stereo-matching with a modified Hausdorff distance", *International Conference on Informatics in Control, Automation and Robotics*, Funchal, Madeira - Portugal, June 15-18 2010, pp.122-127

📅 6/2010 📁 Computer vision

N. Lertchuwongsa and S. Nopanakeepong, "Searching Reference Point from Directional Pattern Using Wavelet Technique," *Proceeding of IEEE 2001 International Symposium on Communications and Information Technology*, Chiangmai, Thailand, November 14-16 2001, pp. 381-384.

📅 11/2001 📁 Computer vision

N. Lertchuwongsa and S. Nopanakeepong, "Wavelet Analysis for Finding Reference Point by Using Parameter from Directional Gaussian," *Electrical Engineering Conference 24th*, Bangkok, Thailand, November 22-23 2001, pp. 105-108.

📅 11/2001 📁 Computer vision

NATIONAL PROCEEDINGS

C. Natthapon and L. Noppon, "Smart IP Camera with Deep Learning", *Proceedings of 17th National Conference on Computing and Information Technology, (NCCIT)*, Bangkok, Thailand, pp. 373-378, 2021.

📅 5/2021 📁 Computer vision

Phimwadi Kanjanopas, Noppon Lertchuwongsa. (2020). Cat detection and Warning. *Proceedings of the ECTI-CARD 2020*. pp. 189-193.

📅 5/2020 📁 Computer Science

วิรัตน์ พรหมเมศ และ นพพน เลิศชูวงศา. 2015. Security controlled system on raspberry pi with Eigen face technique and illumination change. *Proceedings of the ECTI-CARD 2015*. Page: 205-209. (Presentation date: 9 July 2015)

📅 1/2015

กิติภูมิ เพ็ชรรักษ์ และ นพพน เลิศชูวงศา. 2015. Kinect sensor for patient aiding system, *Proceedings of the AUC2 conference 2015*. Page:247-251. (Presentation date: 29 April 2015)

📅 1/2015

2022 บริการวิชาการ ที่ปรึกษาด้านการวิเคราะห์ข้อมูล (Data analytic) และการจัดทำข้อมูลที่น่าสนใจได้ง่ายจากรูปภาพและปรับแต่งได้ (interactive data visulization) ให้กับบริษัท PROFOUND EDUCATION SERVICES ENTERPRISE PART., LTD

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COLLEGE OF COMPUTING

Prince of Songkla University Phuket Campus

80 M.1 Vichitsongkram Road Kathu, Phuket 83120

Email : coc@phuket.psu.ac.th

Website : computing.psu.ac.th