



THITINUN GAS-OSOTH

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LECTURER

PROFILE

Lecturer and Teacher at Department of Physics, School of Science, The University of Phayao and a researcher in Photonics & Optics Science.

EDUCATION

BS APPLIED PHYSICS

King Mongkut's Institute of Technology Ladkrabang (2008 - 2011) (1st Class Honors)

MS APPLIED PHYSICS

Naresuan University (2012 - 2014)

EXPERIENCE

LECTURER

The University of Phayao (2017 - present)

- Physics Experimental Projects
- Digital Holography Research
- Photonics & Optics Research

SCIENTIST

Rajamangala University of Technology Lanna (2014-2016)

- Physics STEM Projects

RESEARCH INTERESTS

- Electrical & Electronics Engineering
- Photonics & Optics Science
- Quantum Optics & Optical Trapping

PUBLICATIONS

- T. Gasosoth, T. Lianghiranthaworn and S. Unai (16 December 2019) "A period-based measurement for grounding capacitance meter with arduino using a relaxation oscillator" J. Phys.: Conf. Ser. 1380 pp. 1-7
- T. Gasosoth, K. Jongjinakool and P. Buranasiri (4 March 2019) "Polarization effect of quantitative phase imaging using digital holography method" Proc. SPIE 10887, Quantitative Phase Imaging V, 108871O doi: 10.1117/12.2513374
- A. Kaewpoonsuk, T. Gasosoth and A. Rerkratn (9-12 September 2014) "A Simple Weld Seam Detector Based on Eddy Current Testing" SICE Annual Conference pp.1618-1621.
- T. Gasosoth and A. Kaewpoonsuk (23 July 2014) "A Simple Eddy Current Defect Detector Using Transmit/Receive Technique" 10th Naresuan Research Conference pp. 10-20.
- T. Gasosoth A. Kaewpoonsuk and K. Prompak (August 2013) "Single Search Coil Weld Seam Detector Based on Eddy Current Technique" ICIC Express Letters Vol. 7 pp. 1199-1203.
- K. Poonart, A. Sri-in, T. Gasosoth, S. Suphramit, A. Kaewpoonsuk and A. Rerkratn (March 2013) "A Metal Detector Using Low Ripple-Output Amplitude Detector" The 5th Science Research Conference pp. 11-16.