

Cirriculum Vitae

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Position Lecturer
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Date of Birth 2 April 1983
Religion Islam



Education

Certification	Institute	Year
B.Sc. (Physics)	Kasetsart University	2005
Grad.Dip. (Teaching Science Profession)	Kasetsart University	2006
Ph.D. (Physics)	Mahidol University	2012

Experience

Period	Company	Position
Present	Physics Program, Science and Technology Faculty at Rajamangala University of Technology Suvambhumi	Lecturer
2013	NANO at Mahidol University	Reseach Assistance
2007-2008	Dept. of Physics Mahidol University	Teaching Assistance

Field of interest and skill:

1. Electrochemical Biosensor
2. Chemical modified surface
3. Surface science
4. Surface Characterization

Research:

INTERNATIONAL PUBLICATIONS

1. **Leasen S**, Sritunyalucksana-Dangtip K, Hodak J H, Srisala J, Kulsing C, Veerasai W. U Electrochemical Impedance Spectroscopy of Methylene Blue and Ferricyanide for DNA Sen Surface Characterization. *The proceeding of International Conference on Pure and App Chemistry (ICPAC2010)*, 249-264.
2. Chathirat N, Atthi N, Hruanun C, Poyai A, **Leasen S**, Osotchan T, Hodak J H. A Micrograting Sei for DNA Hybridization and Antibody Human Serum Albumin–Antigen Human Serum Albu Interaction Experiments. *Japanese Journal of Applied Physics*, 2011(50).

3. **Leasen S**, Hodak J H, Srisala J, Srihirin T, Sritunyalucksana K, Veerasai W, Dangtip S. Detecting C DNA Hybridization at 3-mercaptopropionic acid Self- assembled on Tin-doped Indium Oxide f with Electrochemical Measurement. *Advanced Materials Research*, 2013 (70) 402-408.

CONFERENCES AND PROCEEDINGS

1. **Leasen S**, Boonyopakorn N, Learngarunsri P, Dangtip S. Organosilane-Treated ITO as Working Electrode in Electrochemistry Setup, *Proceeding of Siam Physics Congress (SPC2008)*, Nakhonratchasima, Thailand, on March 20-22, 2008.
2. **Leasen S**, Srisala J, Dangtip S. Detection of WSSV virus with Differential Pulse Voltammetry Technique on thin ITO film, *International Conference on Materials for Advanced Technologies (ICMAT2009)*, Singapore, on June 28 – July 3, 2009.
3. **Leasen S**, Boonrew K, Dangtip S. Suppression of Electrocatalytic Activity of NADH by MPA attached on ITO, *Commemorative International Conference on the Occation of the 4th Cycle Celebration of KMUTT Sustainable Development to Save the Earth: Technologies and Strategies Vision 2050 (SDSE 2008)*, Bangkok, Thailand, on April 7-9, 2009.
4. **Leasen S**, Sritunyalucksana-Dangtip K, Srisala J, Srihirin T, Veerasai W, Dangtip S. Investigation of Immobilized Probe ssDNA by Electrochemical Impedance Spectroscopy for target DNA Sensing Purpose, *The 18th International Vacuum Congress*, Beijing, China, on August 23-27, 2010.
5. **Leasen S**, Sritunyalucksana-Dangtip K, Srisala J, Srihirin T, Veerasai W, Dangtip S. Utilizing Scanning Electrochemical Microscopy and Electrochemical Impedance Spectroscopy for DNA sensing platform Investigation, *62nd Annual Meeting of the International Society of Electrochemistry*, Toki Messe (Niigata Convention Center), Niigata, Japan, on September 11-16, 2011.
6. **Leasen S**, Juagwon T, Porntheeraphat S, Osotchan T. Sensor Response of Basic Taste Solutions on Functionalized PVC Membrane ISFET, *The 2nd Regional Symposium on Biosensors, Biodiagnostics and Biochips*, Chiang-Rai, Thailand, on December 11-13, 2013.