

MASTERS BY TAUGHT COURSE (RESEARCH PROJECT THESIS) SEMINAR
MKEH1814 SESSION 2019/2020-1
INTEL, PULAU PINANG OFF CAMPUS PROGRAM

Field : ECE
 Date : 5/12/2019 (Thursday)
 Venue : Intel, Pulau Pinang

No	Student	Supervisor	Title	Examiners	Time
1	Chin Linn Kern	Dr. Suhaila Isaak	Healthiness Recognition of the Agriculture Plant using FPGA	1. Dr. Yusmeeraz Yusof 2. Dr. Nurul Ezaila Alias	10.30am – 10.50am
2	Lim Zhi Qing	Dr. Suhaila Isaak	ECG QRS Complex Algorithm Implementation on FPGA	1. Dr. Yusmeeraz Yusof 2. Dr. Nurul Ezaila Alias	10.55am – 11.15am
3	Tan Yi Quan	Dr. Suhaila Isaak	Design and Characterization of 8x1 Photon Counting Array in 0.13 μ m CMOS Technology at 1GHz	1. Dr. Yusmeeraz Yusof 2. Dr. Nurul Ezaila Alias	11.20am – 11.40am
4	Muhammad Adli Aini	Dr. Zaharah Johari	The Electrical Characteristic of Silicene as Field Effect Transistor Channel Through Atomic Simulation	1. Dr. Yusmeeraz Yusof 2. Dr. Nurul Ezaila Alias	11.45am – 12.05pm
5	Loy Ying Ting	Dr. Zaharah Johari	Optimization of Process Parameters for Controlling Leakage Current in 10nm Finfet using Taguchi Method	1. Dr. Yusmeeraz Yusof 2. Dr. Nurul Ezaila Alias	12.10pm – 12.30pm

- Dear students : Please bring your own notebook/laptop for the seminar session.

Chairman of Seminar : Examiner No.1

Seminar : 15 minutes presentation, 5 minutes questions and answers

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6	Arthur Tan Foo Yen	Assoc. Prof. Dr. Muhammad Nasir Ibrahim	Design A Math Co-Processor for the AMIR CPU	1. Dr. Usman Ullah Sheikh 2. Dr. Mohd Shahrizal Rusli	12.45pm – 1.05pm
7	Eline Ee Bee Ling	Assoc. Prof. Dr. Muhammad Nasir Ibrahim	GCC Toolchain's C Compiler Wrapper for the AMIR CPU Assembly Language	1. Dr. Usman Ullah Sheikh 2. Dr. Mohd Shahrizal Rusli	1.10pm-1.30pm
8	Lim Hui Teng	Assoc. Prof. Dr. Muhammad Nasir Ibrahim	Application of the AMIR CPU As An Access Control System	1. Dr. Usman Ullah Sheikh 2. Dr. Mohd Shahrizal Rusli	1.35pm – 1.55pm

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1	Tee Yun Hong	Assoc. Prof. Muhammad Mun'im Ahmad Zabidi	Performance Comparison Between 1-D and 2-D Convolution Neural for Bird Sound Detection	1. Dr Usman Ullah Sheikh 2. Dr Musa Mokji	10.30am – 10.50am
2	Wong Kah Liang	Assoc. Prof. Muhammad Mun'im Ahmad Zabidi	Acoustic Event Detection with Binary Neural Network	1. Dr Usman Ullah Sheikh 2. Dr Musa Mokji	10.55am – 11.15am
3	Nurfaizah Musa	Assoc. Prof. Muhammad Mun'im Ahmad Zabidi	Bird Sound Detection with Edge Computing	1. Dr Usman Ullah Sheikh 2. Dr Musa Mokji	11.20am – 11.40am
4	Adrian Chai Kah Heng	Dr. Mohd Afzan Othman	Ventricular Arrhythmias Classification based on Deep Learning Algorithm	1. Dr Usman Ullah Sheikh 2. Dr Mohd Shahrizal Rusli	11.45am – 12.05pm
5	Mohamad Syafiq Mazli	Dr. Mohd Afzan Othman	Deep Learning-Based Halal Food Recognition	1. Dr Musa Mokji 2. Dr Mohd Shahrizal Rusli	12.10pm – 12.30pm

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6	Nur Anisah Salehuddin	Dr. Mohd Afzan Othman	Autonomous Interpreting Peripheral Blood Film based on Deep Learning Algorithm	1. Dr Musa Mokji 2. Dr Amirjan Nawabjan	12.45pm – 1.05pm
7	Yeoh Mei Hwei	Dr. Usman Ullah Sheikh	Deep Learning for the Food Freshness Detection by Image Recognition	1. Dr Musa Mokji 2. Dr Amirjan Nawabjan	1.10pm- 1.30pm
8	Cheah Shengli	Dr. Usman Ullah Sheikh	Advanced Driver Assistance System Based on Thermal Imaging and Machine Learning	1. Dr Musa Mokji 2. Dr Amirjan Nawabjan	1.35pm – 1.55pm
9	Gan Teck Cheong	Dr. Usman Ullah Sheikh	Meter Reading Fraud Detection using Image Matching Technique	1. Dr Musa Mokji 2. Dr Amirjan Nawabjan	2.00pm – 2.20pm

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