Conference Agenda (Draft)
The 17th International Conference on Computer Applications (ICCA 2019) and
The 11th International Conference on Future Computer and Communication (ICFCC 2019)
27th February, 2019 (Day 1)
Novotel Hotel

Time	Place	Agenda
8:00 – 8:30	Yangon Ballroom	Registration
8:30 – 8:45	Yangon Ballroom	Opening Speech by Union Minister for Ministry of Education
8:45 – 8:55	Yangon Ballroom	Opening Speech by Chief Minister for Yangon Region Government
8:55 – 9:05	Yangon Ballroom	Welcome Speech by Rector
9:05 – 9:10	Yangon Ballroom	Announcement on Huawei Cloud AI Competition
Photo Session		
9:20 – 9:50	Yangon Ballroom	Keynote Speech I
9:50 – 10:20	Yangon Ballroom	Keynote Speech II
10:20 – 10:50	Yangon Ballroom	Keynote Speech III
10:50 – 11:15	**Coffee Break**	
11:15– 11:45	Yangon Ballroom	Invited Talk I
11:45–12:15	Yangon Ballroom	Invited Talk II
12:15– 13:10	**Lunch**	
13:10– 14:50	ICCA Workshop I	Joint Workshop on Natural Language and Speech Processing
	ICCA Workshop II	Joint Workshop on Geographic Information Systems
	Paper Session I (ICCA)	Big Data and Cloud Computing
	Paper Session II (ICCA)	Web Data Mining
	Paper Session III (ICFCC)	Software and Programming
14:50–15:30	**Coffee Break and Poster Session**	
15:30 – 17:10	Paper Session IV (ICFCC)	Algorithm Design and High Performance Computing
	ICCA Workshop II & Paper Session V (ICCA)	Geographic Information Systems and Image Processing
	Paper Session VI (ICFCC)	Data Analysis and Data Mining
	Paper Session VII (ICCA)	Computer Simulation and Modeling
	Paper Session VIII (ICFCC)	Clustering Algorithm and Information Security
18:00–21:00	**Conference Dinner at Yangon Hotel**	

Keynote Speech I

Chair   – Prof. Andrew Lewis (Griffith University, Australia)
Place   – Yangon Ballroom
Time   – 9:20 – 9:50

Time	Name	Title	Organization
9:20 –9:50	Prof. Jong Sou Park	Blockchain Driven Industry	Korea Aerospace University

Keynote Speech II

Chair   – Prof. Nobuo Funabiki
Place   – Yangon Ballroom
Time   – 9:50 – 10:20

Time	Name	Title	Organization
9:50 – 10:20	Prof. Wen-Chung Kao	Smart Learning System with the Visible-Spectrum Gaze Tracker	National Taiwan Normal University

Keynote Speech III

Chair   – Prof. Moe Pwint (University of Computer Studies, Mandalay, Myanmar)
Place   – Yangon Ballroom
Time   – 10:20 – 10:50

Time	Name	Title	Organization
10:20 – 10:50	Prof. Mitsuhiro Yokota	Introduction of Computational Electromagnetics for Design of Device and Propagation Model	University of Miyazaki, Japan

Invited Talks

Chair   – Prof. Jong Sou Park (Korea Aerospace University, Korea)
Place   – Yangon Ballroom
Time   – 11:15– 12:15

Time	Name	Title	Organization
11:15 – 11:45	Dr. Ye Kyaw Thu	Natural Language Processing R&D for Myanmar Language	NECTEC, Thailand
11:45 – 12:15	Prof. Toshiro Nunome	Toward QoE Enhancement of Audiovisual Reliable Groupcast over Wireless LANs	Nagoya Institute of Technology, Japan

Joint Workshop on Natural Language and Speech Processing

Chair   – Dr. Aye Thida (University of Computer Studies, Mandalay, Myanmar)
Place   – Pyay Conference Room
Time   – 13:10– 14:50

Invited Talk

Time	Name	Title	Organization
13:10– 13:50	Dr. Chen Chen Ding	Progress on Myanmar Processing at NICT	NICT, Japan

Workshop Discussion

Time	Name	Title	Organization
13:50– 14:20	Hlaing Myat Nwe	SignWriting for Myanmar Sign Language Poetry	Yatanarpon Cyber City, Myanmar
14:20– 14:50	Khaing Hsu Wai	Learning String Similarity Metrics for Myanmar Language	Yatanarpon Cyber City, Myanmar

Joint Workshop on Geographic Information Systems

Chair   – Prof. Myint Myint Sein (University of Computer Studies, Yangon, Myanmar)
Place   – Mandalay Meeting Room
Time   – 13:10– 14:50

Invited Talk

Time	Name	Title	Organization
13:10– 13:40	Prof. Thi Thi Zin	Innovations of Digital Imaging in Smart Dairy Farming	University of Miyazaki, Japan

Workshop Discussion

Time	Name	Title	Organization
13:40– 14:10	Prof. Takashi Komuro	Novel User Interfaces for Extending the Workspace of Mobile Devices	Saitama University, Japan
14:10–14:30	Prof. Myint Myint Sein	QR Code Scanned Audio Presentation about the History of Pagodas in Bagan Cultural Heritage Region	UCSY, Myanmar
14:30– 14:50	Saw Zay Maung Maung	Sequence Learning Approach for Myanmar Handwritten Text Recognition	UCSY, Myanmar

Paper Session I: Big Data and Cloud Computing

Chair   – Dr. Aung Htein Maw (University of Information Technology, Myanmar)
Place   – Bagan Meeting Room
Time   – 13:10– 14:50

Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
17051	**Pau Suan Mung** , Sabai Phyu	Big Data Analytics for Healthcare Services Using C4.5 Algorithm on Map Reduce	UCSY, Myanmar
17057	**May Myat Mon** ,May Aye Khine	Scheduling and Load Balancing in Cloud-Fog Computing using Swarm Optimization Techniques: A Survey	UCSY, Myanmar
17061	**Nwe Thazin**, Khine Moe Nwe ,Yutaka Ishibashi	Resource Allocation Scheme for SDN-Based Cloud Data Center Network	UCSY, Myanmar
17066	**Than Than Htay**, Sabai Phyu	Effective Performance Optimization on Yarn-based MapReduce Hadoop Cluster	UCSY, Myanmar
17068	**Moh Moh Than**, Thandar Thein	Cloud Data Center Resource Demand Prediction Model Development on Apache Spark	UCSY, Myanmar

Paper Session II: Web Data Mining

Chair   – Dr. Khin Nwe Ni Htun (University of Computer Studies, Taungyi, Myanmar)
Place   – Inle Meeting Room
Time   – 13:10– 14:50

Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
17029	**Htain Lynn Aung**, Nang Saing Moon Kham	ICT Readiness for Education and Effective E-Learning System Approach in Myanmar	MyEQIP, UCSY, Myanmar
17052	**Thee Zin Win**, Nang Saing Moon Kham	Information Gain Measured Feature Selection to Reduce High Dimensional Data	UCSY, Myanmar
17012	**Phyo Thu Thu Khine**, Htwe Pa Pa Win	Improving the Accuracy of Classifier with the Ensemble of Centroid Based Algorithms	University of Computer Studies, Thaton
17016	**Hla Sann Sint**, Khine Khine Oo	Trust Prediction Framework for Social Networking	UCSY, Myanmar

Paper Session III: Software and Programming

Chair   – Prof. Takanori Miyoshi (Toyohashi University of Technology)
Place   – Nay Pyi Taw Meeting Room
Time   – 13:10–14:50

Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
F1036	**May Thu Kyaw**, Yan Naung Soe, Nang Saing Moon Kham	Security Analysis of Android Application by Using Reverse Engineering	UCSY, Myanmar
F1003	Kavinda Karunaratne, **Alagan Anpalagan**	Music Retrieval Application Development Using Two Supervised Artificial Intelligence Learning Structures	Ryerson University, Canada
F1019	**Thinzar Tun**, Khin Mo Mo Tun	Mining Web Content Outliers for Improving the Quality of Search Results by Using Mathematical Approaches	University of Information Technology (UIT), Yangon, Myanmar
F1028	**Hla Sann Sint**, Khine Khine Oo	Trust Recommendation System in Online Shopping Using Text Mining	UCSY, Myanmar

Paper Session IV: Algorithm Design and High Performance Computing

Chair   – Prof. Yu-Chen Fan (National Taipei University of Technology, Taiwan)
Place   – Pyay Conference Room
Time   – 15:30– 17:10

Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
F1032	**Thuzar Hnin**, Khine Khine Oo	Attention Based LSTM with Multi Tasks Learning for Predictive Process Monitoring	UCSY, Myanmar
F1063	**Khin Nyein Myint**, Myo Hein zaw, Win Thanda Aung	Parallel and Distributed Computing using MPI on Raspberry Pi Cluster	University of Computer Studies - Monywa, Myanmar
F1037	**Aung Zaw Myint**, Khin Mo Mo Tun	Grid-based Spatial Index Method for Location-based Nearest Neighbour Search	UCSY, Myanmar
F1065	**Naruenart Khunnatham**, Tawee Sranamkam, Rachadaporn Benchawattananon	Blended Learning Using LMS-Moodle with Cloud Computing to Enhance Analytical Thinking for Undergraduate Students	Khon Kaen University, Thailand
F1051	**Khin Theink Theink Soe**	Anaphora Resolution for Myanmar Text Using K-Nearest Neighbor Algorithm	UCSY, Myanmar

ICCA Workshop II and Paper Session V: Geographic Information Systems and Image Processing

Chair   – Dr. Zin Mar Win (University of Computer Studies, Mandalay, Myanmar)
Place   – Mandalay Meeting Room
Time   – 15:30–17:00

No.	Name	Title	Organization
1.	**Myat Thiri Khine**, Myint Myint Sein	Trip Planning Mobile Application for Bagan Heritage Site	UCSY, Myanmar
2.	**Wai Mar Hlaing**, Myint Myint Sein	Finding Optimal and Possible Transit Routes for YBS Trip Planner System	UCSY, Myanmar
3.	**Phyo Pa Pa Tun**, Myint Myint Sein	Case Study of Flood Forecasting in Middle Region of Myanmar	UCSY, Myanmar
4.	**Chaw Chaw Khaing** , Thin Lai Lai Thein	Landslide Prevention System using IOT	UCSY, Myanmar
17037	**Chit Kyin Htoo**, Myint Myint Sein	Geometric Kinect Joints Computing for Human Fall Recognition	UCSY, Myanmar
17058	**Thu Zar San**, Myint Myint Sein	Detecting Tropical Cyclone Using Infrared Satellite Images	UCSY, Myanmar

Paper Session VI: Data Analysis and Data Mining

Chair   – Prof. Shinji Sugawara (Chiba Institute of Technology, Japan)
Place   – Bagan Meeting Room
Time   – 15:30– 16:50
Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
F1018	**Kyi Lai Lai Khine**, Thi Thi Soe Nyunt	Predictive Analytics on High-dimensional Big Data using Principal Component Regression (PCR)	UCSY, Myanmar
F1031	**Than Htike Aung**, Nang Saing Moon Kham	Cloud Based Teacher's Assessment Data in Educational Data Mining	UCSY, Myanmar
F1039	**Nwe Nwe Myint Thein**	Implementing Data Distribution Management System Using Layer Partition-based Matching Algorithm	University of Information Technology, Myanmar
F1054	**Gantgaw Wuttmhon**, Nang Saing Moon Kham	Analysis of Students' Academic Performance, Behavior and Personality in Big Data	UCSY, Myanmar

Paper Session VII: Computer Simulation and Modeling

Chair   – Dr. May Aye Khine (University of Computer Studies, Yangon, Myanmar)
Place   – Inle Meeting Room
Time   – 15:30– 17:00
Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
17026	**Thin Thin Nwe**, Myo Hein Zaw	Design and Development of Database Integration Framework for Distributed Queries in Parallel using Open Grid Service Architecture	University of Computer Studies, Monywa, Myanmar
17056	**Hlwam Maint Htet**, Khin Than Mya	Developing a Transparent Tax Data Access Control System Based on Blockchain	UCSY, Myanmar
17033	**Aye Aye Myint**, Myat Myat Min	Monitoring and Extracting of Surface Water Area from Landsat Imagery Using Water Indices	UCSM, Myanmar
17053	**Soe Yu Maw**, May Aye Khine	Aspect based Sentiment Analysis for travel and tourism in Myanmar Language using LSTM	UCSY, Myanmar
17028	**Yuzana Hlaing**, Nyein Aye Maung Maung	Time-Difference-of-Arrival (TDoA) Based Wireless Indoor Localization Using an Effective Hybrid Time Synchronization	YTU, Myanmar

Paper Session VIII: Clustering Algorithm and Information Security

Chair   – Prof. Yutaka Ishibashi (Nagoya Institute of technology, Japan)
Place   – Nay Pyi Taw Meeting Room
Time   – 15:30– 17:10
Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
F1013	**Khin Swe Yin**, May Aye Khine	Ensemble Learning for Detecting Remote Access Trojans	UCSY, Myanmar
F1059	**Nan Haymarn Oo**, Aung Htein Maw	SYN Flooding Attack Detection and Mitigation in SDN	UCSY, Myanmar
F1024	Lei Juchao, **Wang Yaming**	Quantitative Analysis of Terrorist Attack Data Based on Weighted Clustering	Xi'an Technological University, China
F1007	**Wai Wai Lwin**	Impressive Approach for Documents Clustering Using Semantics Relations in Feature Extraction	UCSY, Myanmar
F1061	**Pyae Pyae Win Cho**, Thi Thi Soe Nyunt, Thet Thet Aung	Differential Evolution for Large-scale Clustering	UCSY, Myanmar

Conference Agenda (Draft)

The 17th International Conference on Computer Applications (ICCA 2019)

and

The 11th International Conference on Future Computer and Communication (ICFCC 2019)

28th February 2019 (Day 2)

Novotel Hotel

Time	Place	Agenda
8:00 - 8:30	Pyay Conference Room	Registration
8:30 - 9:10	Pyay Conference Room	Invited Talk I
9:10 - 9:50	Pyay Conference Room	Invited Talk II
9:50 - 10:30	Pyay Conference Room	Invited Talk III
10:30 - 10:50	**Coffee Break**	
10:50 – 12:10	Paper Session I (ICFCC)	Image Detection and Classification
	Paper Session II (ICFCC)	Image and Signal Recognition
	Paper Session III (ICFCC)	Image and Computer Vision
	Paper Session IV (ICFCC)	Advanced Information Theory and Technology
	Paper Session V (ICCA)	Big Data and Cloud Computing
12:10 – 13:20	**Lunch**	
13:20 – 15:00	Paper Session VI (ICCA)	Natural Language and Speech Processing
	Paper Session VII (ICFCC)	Intelligent Robot Design and Control
	Paper Session VIII (ICFCC)	Communication and Information Network
	Paper Session IX (ICCA)	Wireless and Mobile Communications
	Paper Session X (ICCA)	Image Processing (ICCA)
15:00 - 15:20	**Coffee Break**	
15:20 – 17:00	Paper Session XI (ICCA)	Natural Language and Speech Processing
	Paper Session XII (ICCA)	Geographic Information Systems
	Paper Session XIII (ICFCC)	Social Media and Mixed Learning
	Paper Session XIV (ICFCC)	Modern Electronic Technology and Application

Invited Talks

Chair — Dr. Chen Chen Ding (National Institute of Information and Communications Technology, Japan)
Place — Pyay Conference Room
Time — 8:30 – 10:30

Time	Name	Title	Organization
8:30 – 9:10	Prof. Shinji Sugawaras	Paradigm Transition of Distributed Systems for Content Sharing: From Peer-to-Peer to Cloud, Fog, and Edge	Chiba Institute of Technology, Japan
9:10 – 9:50	Dr. Yuichiro Tateiwa	LiNeS: Remotely Accessible Environment for Interactive Exercise on Network Administration Using Virtual Machines	Nagoya Institute of Technology, Japan
9:50 – 10:30	Ganesh R. Sinha	Study of Cognitive Ability of Human Brain	MIIT, Myanmar

Paper Session I: Image Detection and Classification

Chair — Prof. Tatsuya Yamazaki (Niigata University, Japan)
Place — Pyay Conference Room
Time — 10:50– 12:10

Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
F1070	**Nuntawut Kaoungku**, Kittisak Kerdprasop, Nittaya Kerdprasop, Ratiporn Chanklan, Keerachart Suksut	Colorectal Cancer Histology Image Classification Using Stacked Ensembles	Suranaree University of Technology, Thailand
F1005	**Tatsuya Yamazaki**, Akito Fukui	Defect Detection for Forged Metal Parts by Image Processing	Niigata University, Japan
F1078	**Kedkarn Chaiyakhan**, Pasapitch Chujai, Ratiporn Chanklan, Nittaya Kerdprasop	Classification of Melanoma Considering the Adaptive Additional Shape Feature	Rajamangala University of Technology Isan, Thailand
F1006	**Chun-Ju Huang**, Bo-Tai Wu, Yu-Cheng Fan	System Design of Road and Vehicle Detection Based on LiDAR Point	National Taipei University of Technology, Taiwan

Paper Session II: Image and Signal Recognition

Chair   – Prof. Chih-Peng Fan (National Chung Hsing University, Taiwan)
Place   – Mandalay Meeting Room
Time   – 10:50– 12:10

Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
F1016	**Myo Thet Htun**, Twe Ta Oo	Compact and Robust Audio Fingerprinting for Speedy Music Identification	UCSY, Myanmar
F1002	Kun-Cheng Li, **Chih-Peng Fan**	Effective Local Features Matching Based Rapid Iris Recognition with Interference Elimination Pre-processing for Identity Identification	National Chung Hsing University, Taiwan
F1046	**Win Lai Lai Phyu**, Win Pa Pa	Text Independent Speaker Identification for Myanmar Speech	UCSY, Myanmar
F1077	**Lwin Lwin Mar**, Win Pa Pa	Dataset for Depression Detection from Speech Emotion Recognition	UCSY, Myanmar

Paper Session III: Image and Computer Vision

Chair   – Dr. Tammam Tillo (Libera Università di Bolzano-Bozen, Italy)
Place   – Bagan Meeting Room
Time   – 10:50– 12:10

Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
F1012 -A	**Kenta Goto**, Hiroaki Nishino	An Artistic Picture Creation System Using Neural Style Transfer	Oita University, Japan
F1022	**Muhammad Usman**, Nguyen Tien Manh, JongWon Kim	Multi-belt Onion-ring Visualization of OF@TEIN Testbed for SmartX Multi-View Visibility	Gwangju Institute of Science and Technology, Republic of Korea
F1025	Samer Jammal, **Tammam Tillo**, Jimin Xiao	View Synthesis from Silhouette Using Deep Convolutional Neural Network	Libera Università di Bolzano-Bozen, Italy
F1038	**Khin Mar Yee**, Mu Mu Than, Kyi Lint, Mar Lar Han, Aung Myint Myat Oo, Min Maw Zin	The Image Processing of Morphological Changes by Using RS&GIS (Case Study on Bago River, Myanmar)	Dagon University, Myanmar

Paper Session IV: Advanced Information Theory and Technology

Chair　　　　– Prof. Kwang Sik Chung (Korea National Open University, Republic of Korea)
Place　　　　– Inle Meeting Room
Time　　　　– 10:50– 12:10

Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
F1058	**Yadanar Oo**, Khin Mar Soe	Joint Word Segmentation and Stemming with Neural Sequence Labeling for Myanmar Language	UCSY, Myanmar
F1045	**Kwang Sik Chung**, Jin Sol Yang	Newly-coined Words and Emoticons Dictionary Construction for Social Data Sentiment Analysis	Korea National Open University, Republic of Korea
F1075	**Phyo Pa Pa Tun**, Myint Myint Sein	Flood Prediction System by Using Markov Chain	UCSY, Myanmar
F1076	**Khin Su Su Wai**, Nwe Nwe Myint Thein, Dim En Nyaung	An Indexing Approach of Historical States on Hyperledger Fabric	University of Information Technology, Myanmar

Paper Session V: Big Data and Cloud Computing

Chair　　　　– Dr. Sabai Phyu (University of Computer Studies, Yangon, Myanmar)
Place　　　　– Nay Pyi Taw Meeting Room
Time　　　　– 10:50– 12:10

Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
17049	**Soe Soe Mon**, Nang Saing Moon Kham, Than Htike Aung	Application of RFID based Student Attendance System using Cloud Storage and IOT	University of Computer Studies, Hinthada, University of Computer Studies, Yangon, Myanmar
17022	**Myo Myo Swe**	Detecting Social Spam Profile on Twitter	UCSM, Myanmar
17031	**Lett Yi Kyaw**, Sabai Phyu	Job Scheduling for High Performance Computing and Cloud Environment	UCSY, Myanmar
17034	**Thet Thet Aung**, Thi Thi Soe Nyunt	Discrete Artificial Bee Colony Algorithm for Community Detection in Social Networks	UCSY, Myanmar

Paper Session VI: Natural Language and Speech Signal Processing

Chair   – Dr. Win Pa Pa (University of Computer Studies, Yangon, Myanmar)

Place   – Pyay Conference Room

Time   – 13:20– 15:00

Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
17059	**Ou Ou Khin**, Ye Kyaw Thu, Tadashi Sakata, Yoshinori Sagisaka, Yuichi Ueda	Myanmar Speech Classification Using Transfer Learning for Image Classification	Kumamoto University, Waseda University, Japan
17047	**Dim Lam Cing**, Khin Mar Soe	Joint Word Segmentation and Part-of-Speech (POS) Tagging for Myanmar Language	UCSY ,Myanmar
17038	**May Kyi Nyein**, Khin Mar Soe	Lexicalized Reordering Models for English-Myanmar Phrase-based Statistical Machine Translation	UCSY ,Myanmar
17062	**Aye Myat Mon**, Khin Mar Soe	Clustering Analogous Words in Myanmar Language using Word Embedding Model	UCSY ,Myanmar
17064	**Thein Yu**, Khin Thandar Nwet	Automatic Sentiment Analysis System for Myanmar News	UCSY, Myanmar

Paper Session VII: Intelligent Robot Design and Control

Chair   – Prof. Hiroaki Nishino (Oita University, Japan)

Place   – Mandalay Meeting Room

Time   – 13:20– 15:00

Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
F1009 -A	**Akihito Yatsuda**, Toshiyuki Haramaki, Hiroaki Nishino	A Real-time Robot Motion Generation System by Imitating Natural Human Gesture	Oita University, Japan
F1010	Kenta Goto, **Hiroaki Nishino**, Akihito Yatsuda, Hokuto Tsutsumi, Toshiyuki Haramaki	A Method for Driving Humanoid Robot Based on Human Gesture	Oita University, Japan
F1017	**Toshiyuki Haramaki**, Akihito Yatsuda, Hiroaki Nishino	A Broadcast Control System of Humanoid Robot by Wireless Marionette Style	Oita University, Japan
F1020	**Takanori Miyoshi**, Takahiro Kanno, Kenji Kawashima	Position-Force Telecontrol with Wave-filter Using Teleoperation Support Robot IBIS	Toyohashi University of Technology, Japan

No.	Name	Title	Organization
F1029	Eijiro Taguchi, **Yutaka Ishibashi**, Pingguo Huang, Yuichiro Tateiwa, Takanori Miyoshi	Comparison of Stabilization Control in Cooperation Between Remote Robot System with Force Feedback	Nagoya Institute of Technology, Japan

Paper Session VIII: Communication and Information Network

Chair   – Prof. Toshiro Nunome (Nagoya Institute of Technology, Japan)

Place   – Bagan Meeting Room

Time   – 13:20– 15:00

Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
F1001	**Toshiro Nunome**, Naruhiro Murase	The Effect of AMC for Each Medium on QoE of Video and Audio Transmission over Wireless LANs	Nagoya Institute of Technology, Japan
F1023	**Aung Myo Htut**, Juseong Kim, Jongwon Kim, Chaodit Aswakul	Prototype Framework of Low-latency Collection of Multi-Point Video Stream over Multi-Hop Multi-Channel Wireless Network	Chulalongkorn University, Thailand
F1027	Mousumi Saha, **Nobuo Funabiki**, Rahardhita Widyatra Sudibyo, Minoru Kuribayashi, Wen-Chung Kao	A Network Configuration Optimization Algorithm for Wireless Local-area Network with Three Raspberry Pi Access-Points under Concurrent Communications	Okayama University, Japan
F1011	Chikara Miura, **Shinji Sugawara**	A Scheduling Method for Multiple Content Searching Using Dynamic Prediction of Optimum Amount of Idle Computational Resource in Large-scale Networks	Chiba Institute of Technology, Japan
F1035	**May Thu Zar Win**, Yutaka Ishibashi, Khin Than Mya	Available Bandwidth Based Application-aware Engineering in SDN	UCSY, Myanmar

Paper Session IX: Wireless and Mobile Communications

Chair   – Dr. Mie Mie Su Thwin (University of Computer Studies, Yangon, Myanmar)
Place   – Inle Meeting Room
Time   – 13:20– 15:00

Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
17025	**Khin Nyein Myint**, Win Thanda Aung, Myo Hein Zaw	Research and analysis of parallel performance with MPI odd-even sorting algorithm on Super Cheap Computing Cluster	University of Computer Studies, Monywa, Myanmar
17070	**Phyo Min Tun**	A Conceptual Framework on Intention to Use Mobile Banking Service of Private Banks: A Myanmar Perspective	Assumption University, Thailand
17048	**Hay Mar Mo Mo Lwin,** Khin Than Mya	QoE Assessment of Group Synchronization Quality for Remote Education	UCSY, Myanmar
17002	**May Aye Chan Aung**, Khin Phyo Thant	IEEE 802.11 Attacks and Defenses	UCSM, Myanmar
17014	**Kyaw Naing Tun**, Zin May Aye, Kyaw Thet Khaing	Analysis on Malware Detection with Multi Classifier on M0Droid and DroidScreening Datasets	ICT Department, Central Institute of Civil Services (Lower Myanmar), University of Computer Studies, Yangon, Ministry of Education, Naypyitaw

Paper Session X: Image Processing

Chair   – Dr. Thin lai Lai Thein (University of Computer Studies, Yangon, Myanmar)
Place   – Nay Pyi Taw Meeting Room
Time   – 13:20– 14:40

Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
17054	**Hnin Cherry** ,Myint Myint Sein	Object Detection Using Regions with Convolutional Neural Networks (R-CNN)	UCSY, Myanmar
17063	**Sandar Win**, Thin Lai Lai Thein	Real-Time Human Motion Detection and Tracking with Learning based Representation	UCSY, Myanmar
17035	**Khine Zar Thwe**, Mie Mie Thaw	Sound Classification using Image Feature Extraction Technique	UCSM, Myanmar
17036	**Chit Su Hlaing**, Sai Maung Maung Zaw	Tomato Plant Disease Classification for Mobile Phone Image Using SIFT-Beta Feature and Color Statistical Feature	UCSM, Myanmar

Paper Session XI: Natural Language and Speech Processing

Chair – Dr. Ye Kyaw Thu (National Electronics and Computer Technology Center, Thailand)
Place – Pyay Conference Room
Time – 15:20– 17:00
Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
17050	**Sann Su Su Yee**, Chenchen Ding, Khin Mar Soe, Masao Utiyama, Eiichiro Sumita	Modifying NOVA-annotated Myanmar Data to Universal Part-of-Speech Tagset	UCSY(Myanmar) , Advanced Translation Technology Laboratory, ASTREC, NICT, Kyoto, Japan
17013	**Htwe Pa Pa Win**, Phyo Thu Thu Khine	Speech Enhancement Techniques for Noisy Speech in Real World Environments	University of Computer Studies, Thaton, Myanmar
17069	**Ni Htwe Aung**, Ye Kyaw Thu , Su Su Maung	Feature Based Myanmar Fingerspelling Image Classification Using SIFT, SURF and BRIEF	YTU, Waseda University, Yangon Technological University, Myanmar
17039	**Myo Thet Htun**, Twe Ta Oo	Analytical Approach to MFCC Based Space-Saving Audio Fingerprinting System	UCSY, Myanmar

Paper Session XII: Geographic Information Systems

Chair – Dr. Myint Myint Sein (University of Computer Studies, Yangon, Myanmar)
Place – Mandalay Meeting Room
Time – 15:20– 17:00
Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
17019	**Nyein Chan Soe**, Thin Lai Lai Thein	Intelligence Routing Plan using K-d tree and Smart-A* with Google Map Data	UCSY, Myanmar
17006	**Aye Aye Maw**, Maxim Tyan, Jae-Woo Lee	Development of Flight Mission Planner using Intelligent Anytime Planning and Replanning Algorithm for UAV Operation	Konkuk University, South Korea
17015	**Maiko Arakawa**, Yuichi Okuyama, Shunsuke Mie, Ben Abderazek	Horizontal-based Attitude Estimation for Real-time UAV control	University of Aizu
17020	**Sandar Win**, Hla Myo Tun, Yu Yu Lwin	Modelling and Implementation of Autonomous Control for Octocopter UAV	Department of Electronic Engineering, Yangon Technological University
17009	**Aye Min**, Nu War	Comparative Experiments of Brain Tumor Segmentation Methods in MRI image	UCSM, Myanmar

Paper Session XIII: Social Media and Mixed Learning

Chair   – Dr. Yuichiro Tateiwa (Nagoya Institute of technology, Japan)
Place   – Bagan Meeting Room
Time   – 15:20– 16:40

Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
F1060	**Rossarin Bangbai**, Tawee Sranamkam	Blended Learning Using LMS Moodle with Social Media Application to Enhance Higher Order Thinking for Grade 6 Students	Khon Kaen University, Thailand
F1062	**Tossabhorn Saengchampi**, Tawee Sranamkam	The Effects of Blended Learning with Social Media on Smart Phone to Enhance Critical Thinking of Junior High School	Khon Kaen University, Thailand
F1066	**Wichittra Wongpratoom**, Tawee Sranamkam	The Effects of Blended Learning Using Collaborative Learning with STAD Technique on MOODLE to Enhance Analytical Thinking for grade VII Students	Khon Kaen University, Thailand
F1069	**Phiyanooch Tawmor**, Tawee Sranamkam	The Effects of Blended Learning Using Collaborative Learning with Team Project Technique in Topic Visual Arts to Enhance Creative Thinking of Grade VI Students	Khon Kaen University, Thailand

Paper Session XIV: Modern Electronic Technology and Application

Chair   – Dr. Yasunori Kawai (National Institute of Technology, Ishikawa College, Japan)
Place   – Inle Meeting Room
Time   – 15:20–16:40

Note: Oral presentations have been allocated 20 minutes of effective presentation time, including Q/A time between session chair and speakers.

No.	Name	Title	Organization
F1034	**Yasunori Kawai**, Yukimi Miyamoto, Hiroyuki Kawai	RISE-based Anti-windup Control of Human Lower Limb Using Electrical Stimulation	National Institute of Technology, Ishikawa College, Japan
F1052	**Piriya Wangnilrat**, Kiattisak Maichalernnukul	Towards the Secrecy Outage Probability of Transmit-receive Diversity Systems in the Presence of Multiantenna Eavesdroppers	Rangsit University, Thailand
F1064	**Nong Nurnie Mohd Nistah**, Lim King Hann, Lenin Gopal	Intelligent Boiler Fault Monitoring Interface and Advisory Guide	Curtin University Malaysia, Malaysia
F1072	**Ei Ei Mon**, Hideya Ochiai, Chaiyachet Saivichit, Chaodit Aswakul	Traffic Anomaly Classification by Support Vector Machine with Radial Basis Function on Chula-SSS Urban Road Network	Chulalongkorn University, Thailand

Conference Agenda (Draft)

The 17th International Conference on Computer Applications (ICCA 2019) and

The 11th International Conference on Future Computer and Communication (ICFCC 2019)

1st March 2019 (Day 3)

University Visit & Sightseeing

Time	Place	Agenda
8:00 – 8:15	Novotel Hotel Lobby	Started the visit
8:15 – 9:00	Other hotels	Pickup the guests from their hotels
9:00 – 10:00	UCSY	go to UCSY
10:00 – 12:00	UCSY	Visits the research labs and make discussion at UCSY
12:00 – 13:00	UCSY	Lunch at UCSY
13:00 – 14:30	UCSY	go to Shwedagon Pagoda
14:30 – 15:30	Shwedagon Pagoda	go to Bogyoke Market
15:30 – 17:00	Bogyoke Market	go back to hotels