ICCA 2017 Conference Program Schedule

16th February, 2017 (Day 1)

Sedona Hotel

Time	Place	Agenda
8:15 – 8:45	Grand Ballroom	Registration
8:45 – 8:55	Grand Ballroom	Opening Speech by the Union Minister
8:55 – 9:05	Grand Ballroom	Welcome Speech by the Yangon Region Government
9:05 – 9:15	Grand Ballroom	Welcome Speech by the Rector
9:15 – 9:45	Grand Ballroom	Keynote Speech
9:45 – 10:00	**Coffee Break**	
10:00 – 12:00	Grand Ballroom	Invited Talks
12:00– 13:15	**Lunch**	
13:15– 15:15	Kamayut	Joint Workshop on Natural Language and Speech Processing
	Alone	Joint Workshop on Networking and Security
	Bahan I	Joint Workshop on Geographical Information System
	Bahan II	Paper Session on Big Data and Cloud Computing
	Bahan III	Paper Session on Web Data Mining
15:15–15:30	**Coffee Break**	
15:30 – 17:00	Kamayut	Joint Workshop on Natural Language and Speech Processing
	Alone	Joint Workshop on Networking and Security
	Bahan I	Joint Workshop on Geographical Information System
	Bahan II	Paper Session on Simulation and Modeling
	Bahan III	Paper Session on Software Engineering & Distributed Databases

Keynote Speech

Chair   – Dr. Heather Gray
Place   – Grand Ballroom
Time   – 9:05 – 9:45

Time	Name	Title	Organization
9:05 – 9:45	Prof. José A.B. Fortes	Software-defined Cyber Infrastructure and Applications: Concepts, Research and Opportunities for International Collaboration	Advanced Computing and Information Systems (ACIS) Laboratory, University of Florida

Invited Talks

Chair   – Dr. Heather Gray
Place   – Grand Ballroom
Time   – 10:00 am – 12:00 pm

Time	Name	Title	Organization
10:00 – 10:35	Prof. Jong Sou Park	The Fourth Industrial Revolution and IOT Technology	Korean Aerospace University
10:40 – 11:15	Prof. Fang Pang Lin	Big Data and Smart Cities	National Center for High-performance Computing (NCHC)
11:20 – 12:00	Prof. Takashi Komuro	Application of Computer Vision to 3D User Interfaces and Augmented Reality	Graduate School of Engineering, Saitama University

Joint Workshop on Natural Language and Speech Processing

Chair   – Dr. Ye Kyaw Thu
Place   – Kamayut
Time   – 13:15– 17:00

No.	Name	Title	Organization
1.	Ye Kyaw Thu	Parsing with Little Languages	Okayama Prefectural University (OPU), Japan
2.	Chen Chen Din	Myanmar Name Romanization: A Sub-Syllabic Segmentation Scheme for Statistical Solutions	National Institute of Information and Communications Technology, Japan

No.	Name	Title	University
3.	Khin War War Htike	Comparison of Six POS Tagging Methods on 11K Sentences Myanmar POS Tagged Corpus	Central South University, China
4.	Swe Zin Moe	Corpus Building for Machine Translation between Myanmar Sign Language and Myanmar Written Text	University of Technology (Yatanarpon Cyber City), Pyin Oo Lwin
5.	Aye Mya Hlaing	Text Normalization for Myanmar Text-to-Speech	University of Computer Studies, Yangon
6.	Myat Aye Aye Aung	Analysis of Feature Extraction Techniques for Myanmar Automatic Speech Recognition	University of Computer Studies, Yangon

Joint Workshop on Networking and Security

Chair   – Dr. Mie Mie Su Thwin
Place   – Alone
Time   – 13:15– 17:00

No.	Name	Title	University
1.	Mie Mie Su Thwin	Cyber Security Issues and Challenges	University of Computer Studies, Yangon & mmCERT attached
2.	Si Thu Lwin	Experience and Expertise Sharing	Security Department, Telenor Co., Ltd.
3.	Ye Thura Thet	Network Security Monitoring	CISSP, CISA, GPEN, GMON Managing Kernellix Co., Ltd.
4.	Thandar Phyu	Cloud Platform and Infrastructure Security	Technology Group - PTC Systems Co., Ltd
5.	Naing Linn Htun	Proposed Applicable Android Forensics Security Solution for Myanmar	University of Computer Studies, Yangon
6.	Nay Aung Soe Win	Comparative Study of Big Data Predictive Analytics Frameworks	University of Computer Studies, Yangon
7.	Lwin San	Non-Transferable Proxy Re-Encryption for Group Membership/ Non-Group Membership	Saitama University, Japan
8.	Khin Swe Yin	Effective Features for Detection of Remote Access Trojans	University of Computer Studies, Yangon

No.	Name	Title	Organization
9.	Tin Maung Maung	Proposed Applicable CCFIM Framework for Cybercrime Forensics Investigation in Myanmar	University of Computer Studies, Yangon
10.	Cho Cho San	Proposed Applicable Framework for Extracting Rootkits Features and Clustering through Dynamic Analysis for Incident Handling Systems	University of Computer Studies, Yangon
11.	Hnin Lai Nyo	Improved Data Security Using Video Steganography with Time Limited Password	University of Technology (Yadanarpon Cyber City)
12.	Thet Thet Htwe	Hybrid Intrusion Detection System Design for Advanced Threats	University of Computer Studies, Yangon

Joint Workshop on Geographical Information System

Chair – Dr. Myint Myint Sein
Place – Bahan I
Time – 13:15– 17:00

No.	Name	Title	Organization
1.	Win Htay	Analysis on the Parametric Vector Neural Network	Computer University, Thahton
2.	Htoo Htoo	Continuous Trip Planning Queries and Recommendation Queries	SaitanaUniversity, Japan
3.	Aung Min Khaing, Thae Maung Maung	Research and Application of MAEU UAVs for Field Assessment with RTK GPS Based Mapping	Myanmar Aerospace Engineering University
4.	Myint Myint Sein	Preservation of Culture Heritage and Smart Village	University of Computer Studies, Yangon
5.	K Zin Phyo, Myint Myint Sein	Effective Emergency Response System	University of Computer Studies, Yangon
6.	Phyo Pa Pa Htun, Myint Myint Sein	Developing the Early Warning System for Disaster Mitigation	University of Computer Studies, Yangon
7.	Myat Thiri Khine, Myint Myint Sein	Smart Village for Ancient Bagan	University of Computer Studies, Yangon
8.	Thida Aung, Myint Myint Sein	Analyzing Damaged Region of 3D Historic Pagodas	University of Computer Studies, Yangon

No.	Name	Title	University
9.	Wai Mar Hlaing, Myint Myint Sein	Android Application for Optimal YBS Route	University of Computer Studies, Yangon

Paper Session I : Big Data and Cloud Computing

Chair   – Prof. Fang Pang Lin
Place   – Bahan II
Time   – 13:15– 15:15

No.	Name	Title	University
1	Mi Swe Zar Thu	Computation Offloading Decision in Mobile Cloud Computing: Challenges of Mobile Devices	University of Information Technology, Yangon
2.	Ei Mon Cho	Cloud Deduplication based on Multiple Group Signature Scheme	Saitama University, Japan
3.	Thazin Nwe	Consistent Replica Selection Mechanism For Cloud Data Storage	University of Information Technology, Yangon
4.	Khaing Phyo Wai	Moving Objects Clustering from Big Trajectory Data	University of Computer Studies, Mandalay
5.	Myat Nandar Oo	Forensic Investigation on Hadoop Hortonworks Data Platform	University of Computer Studies, Yangon
6.	Kyi Lai Lai Khine	Big Data Analytics for Rainfall Prediction using MapReduce-Based Regression Model	University of Computer Studies, Yangon
7.	May Phyo Thu	Dynamic Replication Management Scheme for Hadoop Distributed File System	University of Computer Studies, Yangon
8.	Phyo Wah Wah Myint	An Encryption Access Control Scheme for Flexible Policy Updating in Cloud Storage	University of Information Technology, Yangon,

Paper Session II: Web and Data Mining

Chair   – Dr. Nang Sai Moon Kham
Place   – Bahan III
Time   – 13:15 – 15:15

No.	Name	Title	University
1	Si Si Mar Win	Content Driven Tweets Annotation during Natural Disasters	University of Computer Studies, Mandalay

No.	Name	Title	University
2.	Khin Zezawar Aung	Lexicon Based Sentiment Analysis of Students' Feedback Comments	University of Computer Studies, Mandalay
3.	Pyae Phyo Thu	TwitPre: Tweets Preprocessing Tool for Social Media Analysis	University of Computer Studies, Mandalay
4.	Wai Wai Lwin	Ontology-based Semantic Text Documents Clustering Using Particle Swarm Optimization	University of Computer Studies, Yangon
5.	Nilar Aye	Construction of Knowledge Base and Review Opinion Mining: Crowd sourcing Approach	University of Computer Studies, Taungyi
6.	Wint Nyein Chan	Sentiment Analysis of Twitter Stream Data by combing Lexicon and Machine Learning Approaches	University of Computer Studies, Yangon
7.	San San Nwe	Information Extraction from Social Media	University of Computer Studies, Yangon
8.	Swe Swe Aung	Correlation Coefficient based K-means Clustering for K-NN	University of the Ryukyus, Okinawa

Paper Session III : Simulation and Modeling

Chair – Dr. Kun Lee
Place – Bahan II
Time – 15:30–17:00

No.	Name	Title	University
1	Han Sol Shin, Jee Ho Song, Tae Jun Yu, Kun Lee	Plasma Data Visualization	Handong Global University
2.	A. Lewis	Constrained Optimization of Agricultural Water Management with Parameter-Sensitive Objectives	Bond University, Queensland
3.	Hsu Mon Lei Aung	Data Transformation for Textual Unstructured Data Compression	University of Information Technology, Yangon
4.	Hiroshi Yamada	Measurement of Lithium Ion Capacitor Block Characteristics of Voltage Equalization Method and DC UPS Embedded Design	Myanmar office, Japan International Cooperation Agency
5.	A Me Tun	Maximum Sustained Wind Prediction of Storm Surge in Bay of Bengal	University of Computer Studies, Yangon
6.	Nang Khine Zar Lwin	Hybrid approach to Non-Replicated Dynamic Fragment Allocation in Distributed Database Systems	University of Technology (Yadanarpon Cyber City)

Paper Session IV: Software Engineering & Distributed Databases

Chair   – Prof. Dr. Keum-Young Sung
Place   – Bahan III
Time   – 15:30–17:00

No.	Name	Title	University
1	Aung Pyae	Investigating the Impacts of Digital Games on Elderly People's Active Ageing in Myanmar: A Systematic Literature Review	Griffith University, Queensland
2.	Myint Thu Zar Tun	Decision Making based on Information System for Developing Standard Villages in Myanmar	Information and Communication Technology Research Center
3.	Myint Myint Maw	Analysis of Security Assessment in Software Refactoring	University of Computer Studies, Yangon
4.	Khaing	An Insight of Critical Success Factors for Non-profit Organization ERP Implementation Process	University of Computer Studies, Yangon
5.	Ei Ei Thu	Model Driven Engineering: Automatic Code Generation of Android from UMPLE	University of Computer Studies, Mandalay
6.	Phyu Phyu Khaing	Social Trends Analysis using Efficient Burst Detection in Adaptive Time Windows	University of Computer Studies, Mandalay

17thFebruary 2017 (Day 2)

Sedona Hotel

Time	Place	Agenda
8:30- 8:45	Grand Ballroom	Registration
8:45-10:00	Grand Ballroom	Invited Talks
10:00- 10:15	Coffee Break	
10:15 – 11:15	Bahan I	Round Table Discussion : Industry Engagement Opportunities With Universities of Computer Studies
	Alone	Paper Presentation Session on GIS and Image Processing
	Kamayut	Paper Presentation Session on Natural Language and Speech Processing
	Bahan II	Paper Presentation Session on Software Defined Networking
11:15 – 12:45	Bahan I	Round Table Discussion : Industry Engagement Opportunities With Universities of Computer Studies
	Alone	Paper Presentation Session on GIS and Image Processing
	Kamayut	Paper Presentation Session on Natural Language and Speech Processing
	Bahan II	Paper Presentation Session on Mobile and Wireless Computing

Invited Talks

Chair   – Dr. John Sou Park
Place   –Grand Ballroom
Time   –8:45– 10:00

Time	Name	Title	Organization
8:45-9:20	Prof. Yutaka Ishibashi	Ultra-Realistic Communications - Five Senses over Networks	Graduate School of Engineering, Nagoya Institute of Technology
9:25-10:00	Prof. Naoto Iwahashi	Robots That Learn to Communicate	Okayama Prefectural University

Round Table Discussion:

Industry Engagement Opportunities With Universities of Computer Studies

Chair   – Dr.Heather Gray
Place   –Bahan I
Time   – 10:15– 12:45

Paper Session I : GIS & Image Processing

Chair   – Dr. Thin Lei Lei Thein
Room   – Alone
Time   – 10:15 – 12:45

No.	Name	Title	University
1.	Aung Zaw Myint	Keyword Search in Web-based Geographic Information Retrieval System	University of Computer Studies, Yangon
2.	Wai Mar Hlaing	Removing Unnecessary Map-based Data for Search Space Reduction	University of Computer Studies, Yangon
3.	Su Wit Yi Aung	An Analytical Frame Work for Land Use/Cover Change Detection Before and After Disaster using Satellite Image	University of Technology (Yatanarpon CyberCity)
4.	Hnin Mya Aye	Efficient Action Recognition based on Salient Object Detection	University of Computer Studies,Mandalay
5.	Nwe Nwe Soe	Performance analysis of q-valued dimensions Parametric Vector Neural Network classifier	Computer University, Thaton
6.	Zar Zar Tun	Comparison of Different Motion Estimation Algorithms in Video Compression	University of Information Technology, Yangon
7.	Khin Sabai Htwe	Finger Vein Recognition based on Histogram of Oriented Gradients (HOG)	University of Computer Studies, Yangon
8.	Tin Zar Wint Cho	Human Activity Monitoring System Based on RGB-Depth Sensor	University of Technology (Yatanarpon Cyber City)
9.	Su Su Aung	Background Subtraction and Foreground Detection based on Codebook Model with Kalman Filter	University of Computer Studies, Mandalay

Paper Session II: Natural Language and Speech Processing

Chair   – Dr. Naoto Iwahashi
Room   – Kamayut
Time   – 10:15– 12:45

No.	Name	Title	University
1.	Khin Thandar Nwet, Aye Hninn Khine, Khin Mar Soe	Automatic Myanmar News Classification	University of Computer Studies, Yangon
2.	Hnin Thu Zar Aye, Chen Chen Ding, Win Pa Pa, Khin Thandar Nwet	English-to-Myanmar Statistical Machine Translation using a Language Model on Part-of-Speech in Decoding	ASTREC, NICT, Kyoto, Japan, University of Computer Studies, Yangon
3.	Aye Nyein Mon, Win Pa Pa, Ye Kyaw Thu	Building HMM-SGMM Continuous Automatic Speech Recognition on Myanmar Web News	University of Computer Studies Yangon. Okayama Prefectural University, Japan
4.	Rashel Fam, Yves Lepage, Susanti Gojali, Ayu Purwarianti	A Study of explaining Unseen words for Indonesian using analogical clusters	Graduate School of IPS Waseda University, Institut Teknologi, Bandung
5.	Win Thuzar Kyaw, Yoshinori Sagisaka	Cross-modal Sentiment Information Expression of Voice Source Characteristics using Image Texture Features	Faculty of Science and Engineering, Waseda University
6.	Tin Myo Latt, Aye Thida	Finite-state Approach based Myanmar Morphological Analysis	University of Computer Studies, Mandalay
7.	Hsu Myat Mo, Khin Thandar Nwet, Khin Mar Soe	Exploring Features for Myanmar Named Entity Recognition	University of Computer Studies, Yangon
8.	May Myo Zin, Khin Mar Soe	Improving English-to-Myanmar Statistical Machine Translation by using Recurrent Neural Network Language Model and Hierarchical Reordering	University of Computer Studies, Yangon
9.	May Kyi Nyein, Khin Mar Soe	Reordering Model with Recurrent Neural Network for Myanmar-English Statistical Machine Translation	University of Computer Studies, Yangon
10.	Ye Kyaw Thu, Kenta Takabuchi, Kaisei Fukai, Naoto Iwahashi, Takeo Kunishima	Robot Language Acquisition Based on Sequence-to-Sequence Learning	Okayama Prefectural University, Okayama.

Paper Session III : Software Defined Networking

Chair   – Dr. Myat Thida Mon
Room   – Bahan II
Time   – 10:15– 11:15

No.	Name	Title	University
1.	Ohnmar Min Mon	Enhancing Recovery Scheme in Software-Defined Network using Segment Routing	University of Information Technology, Yangon
2.	Hnin Thiri Zaw	Large Flow Detection and Delay Measuring for Multipath Routing over SDN	University of Computer Studies, Yangon
3.	May Thu Zar Win	Study on Segment Routing in Software Defined Networking	University of Computer Studies, Yangon
4.	Nan Haymarn Oo	Firewall Application for ONOS SDN Controller	University of Computer Studies, Yangon

Paper Session IV: Mobile and Wireless Computing

Chair   – Prof. Dr. Yutaka Ishibashi
Room   – Bahan II
Time   – 11:15– 12:45

No.	Name	Title	University
1.	May Aye Chan Aung	Proposed Framework for Link Layer Detection System in Wireless Network	University of Computer Studies, Mandalay
2.	May Thu Kyaw	Feature Extraction for Effective Malware Characterization in Android Malware Detection Framework	University of Computer Studies, Yangon
3.	Yan Naung Soe	Android Malware Detection Framework Based on Static Analysis	University of Computer Studies, Yangon
4.	Thu Thu Zan	Implementing Mobile Tracking System on Disaster Notification	University of Computer Studies, Yangon
5.	Nyein Nyein Lwin	Real Time Monitoring System using ZigBee based Wireless Sensor Network	University of Computer Studies, Yangon
6.	Hlaing Thida Oo	Integration of Sensor Modules to Manage Electricity Load Consumption Utilization towards IOT	University of Computer Studies, Yangon