WCTP 2016 — Workshop on Computation: Theory and Practice—
Dates September 21 — 22, 2016,
Venue University of the Philippines Cebu, Cebu City, the Philippines

Wednesday, September 21, 2016

8:00 AM	8:30 AM	Registration		
8:30 AM	9:00 AM	Opening Ceremony		
		Session 1		
9:00 AM	9:25 AM	Talk 1	Discussion on LTL Subsets for Efficient Verification	M. Shimakawa, Y. Iwasaki, S. Hagihara and N. Yonezaki
9:25 AM	9:50 AM	Talk 2	An Automated Way of Characterizing Protein Sequence Entries Stored in a Database	Jessica Pacilan, Kezah Alferez and Demelo Lao
9:50 AM	10:15 AM	Talk 3	First-class Environments in Categorical Combinators	Hiroki Joko and Shinya Nishizaki
10:15 AM	10:45 AM	Coffee Break		
		Session 2		
10:45 AM	11:10 AM	Talk 4	Music-emotion Recognition based on Wearable Dry-electrode Electroencephalogram	Patraporn Senachakr, Nattapong Thammasan, K. Fukui and M. Numao
11:10 AM	11:35 AM	Talk 5	A Rule-based Classification of ECG Rhythms Using Moving First Derivative of the Signal	Sandra Mae Famador, A. Arellano and C. Pelayo
11:35 AM	12:00 PM	Talk 6	Emotion Analysis and Recognition of TAGLISHUANO Online Customer Reviews	Martin Stefanny Bucag and Larmie Feliscuzo
12:00 PM	1:00 PM	Lunch		
		Session 3		
1:00 PM	1:25 PM	Talk 7	Deployable Mobile Communication Infrastructure for Emergency Services (DISTRESS)	J. A. Chua, J. P. Go-Soco, I. S. Morano, K. D. Pequiras and A. V. Ong
1:25 PM	1:50 PM	Talk 8	Assembly Optimization Loop Unroll Implementation for RISC and CISC based Processors and Metrics for Testing Optimization Effectiveness	J. P. Cempron, J. B. Gonzales, Y. Hayakawa, C. Salinas and R. L. Uy
1:50 PM	2:15 PM	Talk 9	An Extension of the Centralized Virtual File Server	A. M. Ngo, A.R. Rebebes, J. B. Wong and G. Cu
2:15 PM	2:35 PM	Talk 10	Binary Cycle Strings for Cloud-Based Real-Time Systems	O. E. Llantos and D. D. Dinawanao
2:35 PM	3:05 PM	Coffee Break		
		Session 4		
3:05 PM	3:30 PM	Talk 11	CALVIS: Educational Tool in Learning Intel x86-32 Instruction Set Architecture	J. G. Alcalde, G. Chua, I. M. Demabildo, M. A. Ong and R. L. Uy
3:05 PM	3:30 PM	Talk 12	Score Transition of Card Game Strategy as Personal Progress Situation in an Applied C Programming Exercise with a Contest Style	N. Hanakawa, F. Gemba and H. Tominaga
3:30 PM	3:55 PM	Talk 13	An Analysis and Implementation of Linear Derivation Strategies	W. M. Tabada
6:00 PM		Dinner		

Thursday, September 22, 2016

			Session 5	
8:30 AM	8:50 AM	Talk 14	E-Learning Teaching Assistance Management System (ETAMS) for Basic and Higher Education	F. Fernandez, R. J. Riel, B. J. Umandap and A. D. Cruz
8:50 AM	9:10 AM	Talk 15	Data Visualization using Google Visualization API for a Geographic Information System of Schistosomiasis Community Health Data	Lemuel Clark Velasco, Joshua Dave Gomora, Leonard Aguanta and Joannah Marie Acibar
9:10 AM	9:30 AM	Talk 16	APiano: Piano Music Transcription for the Android Platform	Marie Antoinette Go, Karl Real, Arjay Sitoy, Adrian Galido and Haroun Macalisang
9:30 AM	9:55 AM	Talk 17	A User Acceptance Test on ConnectUP: An Academic Social Networking Application Developed Using University Ontology	Ricardo Pablo de Leon, Michelle Nazario, Ma. Rowena Solamo, Rommel Feria
9:55 AM	10:25 AM	Coffee Break		
			Session 6	
10:25 AM	10:45 AM	Talk 18	A Facial Micro-expression Classifier using HoG Descriptor and Backpropagation Artificial Neural Network	Sandra Mae Famador and Rembrandt Cenit
10:45 AM	11:10 AM	Talk 19	CFRP: A Functional Reactive Programming Language for Small-Scale Embedded Systems	K. Suzuki, K. Nagayama, T. Watanabe and K. Sawada
11:10 AM	11:35 AM	Talk 20	A Study on Self-Organizing Maps and K-Means Clustering on a Music Genre Dataset	A. Azcarraga and F. K. Flores
11:35 AM	12:00 PM	Talk 21	Direction Tracking of a Single Moving Camera through Periodic Image Stitching	J. Ilao and F. K. Flores
12:00 PM	1:00 PM	Lunch		
			Session 7	
1:00 PM	1:25 PM	Talk 22	Filmification: Visual Programming Environment - Demonstrated Using Jacobi Relaxation Method as an Example	B. D. Uriarte and R. Roxas
1:25 PM	1:50 PM	Talk 23	Designing a Context-Based English Synonym Database	J. M. Baclayon and R. Roxas
1:50 PM	2:15 PM	Talk 24	Sentiment Analysis of Philippine National Elections 2016 Twitter Data	Z. C. Turla and J. Caro
2:15 PM	2:45 PM	Coffee Break		
			Session 8	
2:45 PM	3:10 PM	Talk 25	Descriptive Academic Analytics System for CIT University	B. M. Cortez and C. L. C. Sta. Romana
3:10 PM	3:35 PM	Talk 26	Development of An Android-based Class Record	D. E. Marcial, C. S. Montenegro, R. Ubarre, M. A. C. Rivera, M. S. Yao and F. M. G. Katada
3:35 PM	3:55 PM	Talk 27	An Activity Theory Perspective on Putting the Teaching Efficiency Rating Facility Online of the MSU-Iligan Institute of Technology	Erik Louwe Sala and Cenie Vilela-Malabanan
3:55 PM	4:15 PM	Talk 28	Success Factors and Challenges on Capstone Project Development Among Information Technology Students at Cagayan State University At Aparri	Billy S. Javier

Venue

UP Cebu Performing Arts Hall.