

WCTP 2015 – Workshop on Computation: Theory and Practice—
 Dates September 22 – 23, 2015,
 Venue University of the Philippines Cebu, Cebu City, the Philippines

8:30 AM	9:00 AM	Registration		
9:00 AM	9:30 AM	Opening Celemony		
		Session 1		
9:30 AM	9:55 AM	Talk 1	Towards Unbounded Realizability Checking	M. Shimakawa, S. Haqihara and N. Yonezaki
9:55 AM	10:20 AM	Talk 2	Location-aware Simple Abstract Machine of Call-by-Name RPC Calculus	K. Watanabe and S. Nishizaki
10:20 AM	10:45 AM	Talk 3	Design and Implementation of an Advanced Source Code Reading Tool for Framework-based Software	Y. Omura and T. Watanabe
10:45 AM	11:15 AM	Coffee Break		
		Session 2		
11:15 AM	11:40 AM	Talk 4	Building English-Cebuano General Parallel Corpus from the Web	Z. L. Tabaranza and R. Roxas
11:40 AM	12:00 PM	Talk 5	Building an English - Cebuano Tourism Parallel Corpus and a Named - Entity List	L. Bureros and R. Roxas
12:00 PM	12:25 PM	Talk 6	Spoken Dialogue Agent System for Practicing Job Interviews and Writing	K. Morita and K. Sumi
12:25 PM	1:25 PM	Lunch		
		Session 3		
1:25 PM	1:55 PM	Invited Talk	Security in Campus Network	T. Tomoishi
		Session 4		
1:55 PM	2:20 PM	Talk 7	Polynomial-time Algorithm for Translocation Syntenic Distance	C. Belenzo, C. S. Corpuz, H. Adorna, J. Clemente, R. A. Juavona and J. M. Yap
2:20 PM	2:45 PM	Talk 8	Parallelizing the Searching for K-mers and the Alignment of Reads to Edges to Speedup the Pregraph Construction in	G. Magno, L. Santos, H. Adorna, J. Clemente and J. M. Yap
2:45 PM	3:10 PM	Talk 9	Modification and Parallelization of the qPMS7 Algorithm	K. Romero, H. Adorna, J. Clemente and J. M. Yap
3:10 PM	3:35 PM	Talk 10	Quantum approximate string matching for large alphabets	J. Aborot and H. Adorna
3:35 PM	4:05 PM	Coffee Break		
		Session 5		
4:05 PM	4:30 PM	Talk 11	WSAN: Node Network Communication Protocol through Coordination Messaging	F. K. Flores and G. Cu
4:30 PM	4:55 PM	Talk 12	A Practical Design of Group Competition as an Educational Event for Information Literacy and Security using a Hacking	M. Nakaya, S. Akagi, and H. Tominaga
4:55 PM	5:20 PM	Talk 13	Profiling Moodle servers for usage and activity	D. G. Cimafranca, N. J. Pelobello and Y. V.
6:00 PM		Dinner		

Wednesday, September 23, 2015

Session 6

10:00 AM	10:25 AM	Talk 14	A System that Converts Music Score Sheets with Round Notes into One with Shape	M. A. Ygnacio and R. Roxax
10:25 AM	10:45 AM	Talk 15	Defining a Web Ontology for the Music Scores of Jose Maceda Compositions Using Arc2 Framework	S. Pascua, J. Caro, R. Santos and R. Solamo

10:45 AM 11:15 AM Coffee Break

Session 2

11:15 AM	11:40 AM	Talk 16	Predicting the Presence of Signal Peptide based on Physico-chemical Properties of Protein Sequences	D. Lao
11:40 AM	12:05 PM	Talk 17	Training Children to Pitch in Baseball Using Visual and Aural Effects	Y. Tsukamoto and K. Sumi
12:05 PM	12:30 PM	Talk 18	Securing Health Information System with CryptDB	N. A. Lopez and R. B. Chua

12:30 PM 1:30 PM Lunch

Session 4

1:30 PM	1:55 PM	Talk 19	Developing Course Content for Micro-learning in Mobile Settings	K. Pajarito and R. FERIA
1:55 PM	2:20 PM	Talk 20	Web-accessible Platforms for Formal and Informal Learning: The Ateneo de Davao University Context	M. Banawan
2:20 PM	2:45 PM	Talk 21	Teaching-Learning Basic Flowchart Symbols and Process using Computers	V. Montesclaros and D. Lao
2:45 PM	3:10 PM	Talk 22	Blackhole Rogue Access Point Detection and Disassociation	G. Cu, J. Barrientos, K. Dy, T. Mandap and K.

3:10 PM 3:40 PM Coffee Break

Session 5

3:40 PM	4:05 PM	Talk 23	A Template Matching Method for Explosive Gas Identification	R. Jason Caballes and S. M. Famador
4:05 PM	4:30 PM	Talk 24	Crime Modelling and Prediction Using Neural Networks	J. Tumalak and K. J. Espinosa
4:30 PM	4:55 PM	Talk 25	Concept Drift Detection with Self-Organizing Map for Damage Monitoring	Y. Sakamoto, M. Furukawa, K. Fukui, J. Gama, D. Nicklas, K. Moriyama and M. Numao
4:55 PM	5:20 PM	Talk 26	Sleep Pattern Analysis based on Clustering of Audio Data	H. Wu, K. Fukui, T. Kato, and M. Numao