

Day 1 - December, 4th	APWC on CSE/APWCE 2016
5.00pm-6.00pm	Registration
6.00pm-7.00pm	Meeting and Greetings: Social Event and Light Dinner
Day 2 - December, 5th	APWC on CSE/APWCE 2016
8.00 am - 8.30 am	Registration
8.30 am - 9.15 am	Opening Ceremony
9.15 am - 10.00 am	Keynote Talk I
10.00 am - 10.30 am	Conference Photo Session
10.30 am - 11.00 am	Morning Tea Break
	APWC on CSE - Ballroom 1 APWCE - Ballroom 5
11.00 am - 12.30 pm	Session I: 4 Papers Session I: 4 Papers
12.30 pm - 01.30 pm	Lunch Break
	APWCE on CSE/APWCE 2016
01.30 pm - 02.15 pm	Keynote Talk II
	APWC on CSE - Ballroom 1 APWCE - Ballroom 5
02.15 pm - 03.15 pm	Session II - 3 Papers Session II - 3 Papers
03.15 pm - 03.45 pm	Afternoon Tea Break
	APWC on CSE - Ballroom 1 APWCE - Ballroom 5
03.45 pm - 04.45 pm	Session III - 3 Papers Session III - 3 Papers
04.45 pm - 05.30 pm	Conference Management Team Meeting
06.30 pm - 07.30 pm	Fijian Wine- Kava Drinking Session
Day 3 - December, 6th	APWCE on CSE/APWCE 2016
8.15 am - 9.00 am	Keynote Talk III
	APWC on CSE - Ballroom 1 APWCE - Ballroom 5
09.00 am - 10.30 am	Session IV - 4 Papers Session IV - 4 Papers
10.30 am - 11.00 am	Morning Tea Break
	APWC on CSE - Ballroom 1 APWCE - Ballroom 5
11.00 am - 12.30 pm	Session V - 4 Papers Session V - 4 Papers
12.30 pm - 01.30 pm	Lunch Break
	APWCE on CSE/APWCE 2016
01.30 pm - 02.15 pm	Keynote Talk IV
	APWC on CSE - Ballroom 1 APWCE - Ballroom 5
02.15 pm - 03.45 pm	Session VI - 4 Papers Join Room A
03.45 pm - 04.15 pm	Afternoon Tea Break
04.15 pm - 04.45 pm	Conference Closing
05.00 pm - 06.15 pm	Pool Volleyball - Japan VS Korea
07.00 pm - 12.00 pm	Conference Gala Dinner & Cultural Event

Ballroom 1 - APWC on CSE Conference				
Day 2	December, 5th	#	Paper Title	Paper ID
09.15 am - 10.00 am	Keynote Talk I	1	Recent Study on Bionic Robot Hand for Prosthesis <i>Professor Kyung-Soo Kim, The Graduate School of Green Transportation, Korea Advanced Institute of Science & Technology (KAIST), KOREA</i>	-
	Keynote Chair: Professor Katsutoshi Yada, Kansai University, Japan			
11.00 am - 12.30 pm	Session I Chair: Dr. Adnan Sijoka, Kwansei Gakuin University, Japan	1	Backchannelling Quantum bit (qubit) 'shuffling' <i>John Ronczka</i>	105
		2	i-Shop: A Model for Smart Shopping <i>Anal Kumar, A B M Shawkat Ali</i>	7
		3	Model Checking a Client-Side Micropayment Protocol <i>Kaylash Chaudhary, Ansgar Fehnker</i>	45
		4	Sensing of Lung Cancer using Surface Potential - "Poster Presentation" <i>Sungsoo Na</i>	21
01.30 pm - 02.15 pm	Keynote Talk II	2	Heteroatom-doped Carbon Materials for Energy-relevant Electrocatalytic Processes <i>Professor Shizhang Qiao, School of Chemical Engineering, The University of Adelaide, Australia</i>	-
	Keynote Chair: Professor Dongsoo Har, KAIST, Republic of Korea			
02.15 pm - 03.15 pm	Session II Chair: Dr. Meena Jha, Central Queensland University, Australia	1	Student Readiness and Perception to the Use of Smart Phones for Higher Education in the Pacific <i>Emmenual Reddy, Pritika Reddy, Bibhya Sharma, Karuna Reddy, MGM Khan</i>	90
		2	A Geometric Approach to Motion Control of a Standard Tractor-trailer Robot <i>Avinesh Prasad, Bibhya Sharma, Jito Vanualalalai</i>	39
		3	Development of a Rumor and Spam Reporting and Removal Tool for Social Media <i>Shakil Ahmed, Rifat Manzur, Rajesh Palit</i>	100
03.45 pm - 04.45 pm	Session III Chair: Professor Hiro Ito, The University of Electro-Communications, Japan	1	Measuring Temporal and Contextual Proximity: Big Text-Data Analytics in Concept Maps <i>Elan Sasson, Gilad Ravid, Nava Pliskin</i>	40
		2	Comparative Analysis of Software Architecture Documentation and Architecture Languages <i>Mateen Ahmed abbas, Dur-e-Benish Bataol, Rahil Butt, Tanveer Mehmood Anjum</i>	70
		3	Constant-time Algorithms for Complex Networks <i>Hiro Ito</i>	38
Day 3	December, 6th	#	Paper Title	Paper ID
08.15 am - 09.00 am	Keynote Talk III	3	Big Scholarly Data: Towards Connected Scholars <i>Professor Feng Xia, Assistant Dean, School of Software, Head, Department of Cyber Engineering, Director, Mobile and Social Computing Laboratory Dalian University of Technology (DUT), China.</i>	-
	Keynote Chair: Professor Akhtar Kalam, Victoria University, Australia			
09.00 am - 10.30 am	Session IV Chair: Dr. Keiji Takai, Kansai University, Japan	1	Vehicle Ownership and Economic Development <i>Zhen Li, Ken Ishibashi, Yuta Kaneko, Kei Miyazaki, Hironori Shioji, Katsutoshi Yada</i>	55
		2	Exploring Protein Flexibility and Allosteric Signalling Mechanism with Rigidity Theory <i>Adnan Sijoka, Nobuyuki Tsuchimura</i>	67
		3	The Need for Quantum-Resistant Cryptography in Classical Computers <i>Mohammed Farik, Shawkat Ali</i>	102
		4	A Perfect Mathematical Formulation of Fuzzy Transportation Problem Provides an Optimal Solution Speedily <i>Kotti R. Rao, Rajnesh. K. Mudaliar, M. K. Hasan, M. K. Alam</i>	61
11.00 am - 12.30 pm	Session V Chair: Dr. Elan Sasson, Tel Aviv University, Israel	1	New Calibration Estimators in Stratified Sampling <i>Dinesh Krishna Rao, Takaua Betaia Tekabu, Md Galam Mostafa Khan</i>	48
		2	Private Equality Test using Ring-LWE Somewhat Homomorphic Encryption <i>Tushar Kanti Saha, Takeshi Koshiha</i>	52
		3	Prediction of Consumer Purchasing in a Grocery Store Using Machine Learning Techniques <i>Yi Zuo, Katsutoshi Yada, A B M Shawkat Ali</i>	58
		4	Proposal for WPT Drone Spectrum Allocation Policy <i>Yang Hee Cho, Chul Hyung Lee, Bong Gyou Lee</i>	53
01.30 pm - 02.15 pm	Keynote Talk IV	4	Understanding Mobility using Origin-Destination Data <i>Assistant Professor Kitae Jang at Korea Advanced Institute of Science and Technology. Leader Transportation Operation and Planning for Sustainability Lab.</i>	-
	Keynote Chair: Professor Kyung-Soo Kim, KAIST, Republic of Korea			
02.15 pm - 03.45 pm	Session VI Chair: Dr. Yi Zuo, Nagoya University, Japan	1	A Deep Learning Approach for Motor Imagery EEG Signal Classification <i>Shiu Kumar, Alok Sharma, Kabir Mamun, Tatsuhiko Tsunoda</i>	49
		2	Conceptual Framework for Startup Enterprise Evaluation: Value of Soft Information <i>Hyuk Ho, Seong Bin Jeong, Bong Gyou Lee</i>	57
		3	Potentials of Data Mining and Cloud Computing in the Fish Poisoning and Relevant Economic Contexts: A Conceptual Review <i>Jesmin Nahar, Kunal Kumar, Alvin Prasad, Neeraj A. Sharma, Almaz Khan, Swetha Singh, Shinal Shania, Ashrita Kumar, Jenny Singh, Tasadduq Imam</i>	63
		4	Gamifying Foundational STEM skills <i>Jim Morey, John Gammack, Erik Thornquist</i>	74

Ballroom 5 - APWCE Conference				
Day 2	December, 5th	#	Paper Title	Paper ID
09.15 am - 10.00 am	Keynote Talk I			
	Keynote Chair: Professor Katsutoshi Yada, Kansai University, Japan	1	Recent Study on Bionic Robot Hand for Prosthesis <i>Professor Kyung-Soo Kim, The Graduate School of Green Transportation, Korea Advanced Institute of Science & Technology (KAIST), KOREA</i>	-
11.00 am - 12.30 pm	Session I Chair: Dr. Mohammed Arif Khan, Fiji National University, Fiji	1	Autonomous Elevator Inspection with Unmanned Aerial Vehicle <i>Hui Tsun Kit, Huiying Chen</i>	43
		2	CFD Modelling and Optimisation of a Waste Water Treatment Plant Bioreactor - A Case Study <i>Andrew Elshaw, N. M. S. Hassan, M. M. K. Khan</i>	92
		3	An Autonomous Steering System for Wireless Charging Electric Vehicles to Minimize Power Degradation <i>Karam Hwang, Jaeyong Cho, Jaehyoung Park, Dongwook Kim, Jong Hwa Kwon, Sang Il Kwak, Hyun Ha Park, Seungyoung Ahn</i>	78
		4	Review of Power System Distribution Network Architecture <i>K. Prakash, A. Lallu, F. R. Islam, K. A. Mamun</i>	98
01.30 pm - 02.15 pm	Keynote Talk II			
	Keynote Chair: Professor Dongsoo Har, KAIST, Republic of Korea	2	Heteroatom-doped Carbon Materials for Energy-relevant Electrocatalytic Processes <i>Professor Shizhang Qiao, School of Chemical Engineering, The University of Adelaide, Australia</i>	-
02.15 pm - 03.15 pm	Session II Chair: Dr. Nur Hassan, Central Queensland University, Australia	1	Electrochemical Study of SiO Initial Efficiency for Lithium Ion Batteries - "Poster Presentation" <i>Il Won Seong, Jee Ho Yam, Sung Man Cho, Woo Young Yoon</i>	34
		2	Comparative Accuracy of Different Classification Algorithms for Forest Cover Type Prediction <i>Rahul R Kishore, Shalvin S Narayan, Sunil Lal, Mahmood A Rashid</i>	60
		3	Wave Energy Converters - A Review of Wave Energy Conversion Technology <i>S. S. Prakash, K. A. Mamun, F. R. Islam, R. Mudliar, C. Pau'u, M. Kolivuso, S. Cadralala</i>	71
03.45 pm - 04.45 pm	Session III Chair: Dr. Kabir Mamun, The University of The South Pacific, Fiji	1	Drone-Assisted Disaster Management: Finding Victims via Infrared Camera and Lidar Sensor Fusion <i>Seungjun Lee, Dongsoo Har, Dongsook Kum</i>	73
		2	Hunting the Popular Construction Apps <i>Tong Liu, Anuradha Mathrani, Jasper Mbachu</i>	94
		3	Design of a Low Temperature Differential (LTD) Stirling Engine for Water Transportation <i>M. Navunawa, F. H. Kado, F. R. Islam, K. A. Mamun</i>	110
Day 3	December, 6th	#	Paper Title	Paper ID
08.15 am - 09.00 am	Keynote Talk III			
	Keynote Chair: Professor Akhtar Kalam, Victoria University, Australia	3	Big Scholarly Data: Towards Connected Scholars <i>Professor Feng Xia, Assistant Dean, School of Software, Head, Department of Cyber Engineering, Director, Mobile and Social Computing Laboratory Dalian University of Technology (DUT), China.</i>	-
09.00 am - 10.30 am	Session IV Chair: Professor In Gwun Jang, KAIST, Korea	1	Implications of Domain Ontology Development for System Design Research <i>Ahmad Z.H. Samsudin, Mahd Sazili Shahibi, Shah Jahan Miah, Hafizul Islam</i>	47
		2	Study of the Three-electrode Li-ion Batteries based on Simultaneous Measurement of Three-electrode System <i>Kam-chuen Yung, Qin Yang, Jijie Fan, Michael Pecht</i>	62
		3	Memoryless AM/AM Behavioral Model for RF Power Amplifier Devices <i>Paul Owen Fisher, Said Fares Al-Sarawi</i>	66
		4	Proactive Detection of Crash Hotspots using In-vehicle Driving Recorder <i>Jooyoung Lee, Kitae Jang</i>	72
11.00 am - 12.30 pm	Session V Chair: Professor Seungyoung Ahn, KAIST, Korea	1	Charging Wireless Rechargeable Sensor Networks Deployed in Rectangular Street Grid <i>Sunghee Myung, Sangkeum Lee, Celso Moraes, Dongsoo Har</i>	80
		2	Study on the Quantitative Effects of New Bridge Construction on Traffic Conditions <i>Kim Seongmin, Kitae Jang, In Gwun Jang</i>	64
		3	Electricity Tariffs Evaluation using Smart Load Monitoring Devices for Residential Consumer <i>Md Moktadir Rahman, Cindy Van Heerden, GM Shafiqullah</i>	107
		4	Architecture for Complex Event Processing using Open Source Technologies <i>Sanjay Jha, Meena Jha, Liam O'Brien, Pramod Kumar Singh</i>	44
01.30 pm - 02.15 pm	Keynote Talk IV			
	Keynote Chair: Professor Kyung-Soo Kim KAIST, Republic of Korea	4	Understanding Mobility using Origin-Destination Data <i>Assistant Professor Kitae Jang at Korea Advanced Institute of Science and Technology. Leader Transportation Operation and Planning for Sustainability Lab.</i>	-

Time Slot	Day 1	Day 2		Day 3		
		Ballroom 1	Ballroom 5	Ballroom 1	Ballroom 5	
8.00 am - 8.15 am		Registration - Lobby				
8.15 am - 8.30 am				Keynote Talk III - By: Professor Feng Xia		
8.30 am - 8.45 am		Opening Ceremony				
8.45 am - 9.00 am						
9.00 am - 9.15 am		Keynote Talk I - By: Professor Kyung-Soo Kim		Session IV - Chair: Dr. Keiji Takai, Kansai University, Japan		
9.15 am - 9.30 am				Session IV - Chair: Professor In Gwun Jang, KAIST, Korea		
9.30 am - 9.45 am						
9.45 am - 10.00 am		Conference Photo Session				
10.00 am - 10.15 am		Morning Tea - Ocean Verandah				
10.15 am - 10.30 am						
10.30 am - 10.45 am						
10.45 am - 11.00 am						
11.00 am - 11.15 am		Session I - Chair: Dr. Adnan Sljoka, Kwansei Gakuin University, Japan		Session I - Chair: Dr. Mohammed Arif Khan, Fiji National University, Fiji	Session V - Chair: Dr. Elan Sasson, Tel Aviv University, Israel	Session V - Chair: Professor Seungyoung Ahn, KAIST, Korea
11.15 am - 11.30 am						
11.30 am - 11.45 am						
11.45 am - 12.00 pm						
12.00 pm - 12.15 pm		Lunch Break - At Leisure in Lagoon Restaurant				
12.15 pm - 12.30 pm						
12.30 pm - 12.45 pm						
12.45 pm - 1.00 pm						
1.00 pm - 1.15 pm						
1.15 pm - 1.30 pm	Keynote Talk II - By: Professor Shizhang Qiao		Keynote Talk IV - By: Assistant Professor Kitae Jang			
1.30 pm - 1.45 pm						
1.45 pm - 2.00 pm	Session II - Chair: Dr. Meena Jha, Central Queensland University, Australia		Session II - Chair: Dr. Nur Hassan, Central Queensland University, Australia	Session V - Chair: Dr. Yi Zuo, Nagoya University, Japan		
2.00 pm - 2.15 pm						
2.15 pm - 2.30 pm						
2.30 pm - 2.45 pm						
2.45 pm - 3.00 pm						
3.00 pm - 3.15 pm						
3.15 pm - 3.30 pm	Tea Break - Ocean Verandah					
3.30 pm - 3.45 pm						
3.45 pm - 4.00 pm	Session III - Chair: Professor Hiro Ito, The University of Electro-Communications, Japan		Session III - Chair: Dr. Kabir Mamun, The University of South Pacific, Fiji	Tea Break - Ocean Verandah		
4.00 pm - 4.15 pm						
4.15 pm - 4.30 pm						
4.30 pm - 4.45 pm			Conference Closing			
4.45 pm - 5.00 pm						
5.00 pm - 5.15 pm	Registration - Lobby					
5.15 pm - 5.30 pm			Pool Volleyball - Japan VS Korea			
5.30 pm - 5.45 pm						
5.45 pm - 6.00 pm						
6.00 pm - 6.15 pm	Meeting and Greetings: Social Event and Light Dinner - Raintree Oval by the Beachfront					
6.15 pm - 6.30 pm						
6.30 pm - 6.45 pm						
6.45 pm - 7.00 pm						
7.00 pm - 7.15 pm	Fijian Wine - Kava Drinking Session					
7.15 pm - 7.30 pm			Conference Award Ceremony, Gala Dinner & Multicultural Event			
7.30 pm - 12.00 am						

