

JOINT CONFERENCES OF:



PROGRAM BOOK

27 AUGUST 2018
EVERLY PUTRAJAYA

Technical Co-sponsor:



Co-organizer:



TABLE OF CONTENT

1. Foreword
2. Joint Conferences
3. Tentative Program
4. Keynote Speakers
5. Presentation Schedule
6. Committee Members
7. Organizing Partners

FOREWORD FROM CHAIRMAN



Greetings,

First and foremost, as the Chairman for this joint conference, I am pleased to welcome all delegates to the conference. This year, from the support of all delegates, we have succeeded to organize International Symposium on Agents, Multi-Agent Systems and Robotics 2018 (ISAMSR2018), International Conference on Advances in Computing and Intelligent System 2018 (ICACIS2018), International Conference on Electronic and System Engineering 2018 (ICESE2018) and International Conference on Sustainable and Green Technology 2018 (SIGHT2018). These international events is a premier platform for students and researchers to share their new ideas, original research results, and practical experiences in the theory and practice of autonomous agents, multi-agent systems and robotics. This joint conference is hosted by Universiti Tun Hussein Onn Malaysia (UTHM) with the strong partnership with IEEE Computer Society Malaysia, Universiti Tenaga Nasional (UNITEN) and Universiti Kuala Lumpur (UniKL).

This joint conference was a team effort and I would like to note my gratitude and appreciation for the high commitment and hard work demonstrated by all parties in making this conference very successful.

I hope, not only that all participants will find this conference interesting and informative but at the same time they will have the opportunity to engage with other researchers for future research development and collaboration.

Thank you and looking forward to seeing you in the future. Thank you.

Assoc. Prof. Dr. Aida Mustapha

JOINT CONFERENCES



TENTATIVE PROGRAM

ISAMSR2018, ICACIS2018, ICESE2018

Date	Time	Event	Location
27 August 2018 (Monday)	0800-0900	Registration	1st floor Foyer
	0900-0910	Opening Ceremony	Main Hall
	0910-1000	Keynote Speech 1 Associate Professor Masoud Mohammadian University of Canberra, Australia	Main Hall
	1000-1015	Morning break	1st floor Foyer
	1015-1115	Keynote Speech 2 Prof. Emeritus Akira Namatame National Defense Academy of Japan	Main Hall
	1115-1300	Parallel session	Main Hall, Room 1-3
	1300-1400	Lunch	Hotel Lunch Hall
	1400-1500	Keynote Speech 3 Prof. Ir. Dr. Khairul Salleh Mohamed Sahari Universiti Tenaga Nasional	Main Hall
	1500-1800	Parallel session	Main Hall, Room 1-3
	1600-1630	Refreshment	1st floor Foyer

SIGHT2018

Date	Time	Event	Location
27 August 2018 (Monday)	0800-0900	Registration	1st floor Foyer
	0900-0910	Opening Ceremony	Room 1
	0910-1000	Keynote Speech Associate Professor Dr. Nik Hisyamudin Muhd Nor Universiti Tun Hussein Onn Malaysia "End of Life of Consumer Product in Malaysia and What we can collect from it"	Room 1
	1000-1015	Morning break	1st floor Foyer
	1015-1130	Parallel session	Room 1-3
	1300-1400	Lunch	Hotel Lunch Hall
	1400-1530	Parallel session	Main Hall, Room 1-3
	1600-1630	Refresment	1st floor Foyer

KEYNOTE SPEAKERS



Associate Professor Masoud Mohammadian
University of Canberra, Australia



Prof. Emeritus Akira Namatame
National Defense Academy of Japan



Prof. Ir. Dr. Khairul Salleh Mohamed Sahari
Universiti Tenaga Nasional



Ascc. Prof. Dr. Nik Hisyamudin Muhd Nor
Universiti Tun Hussein Onn Malaysia

PRESENTATION SCHEDULE

International Symposium on Agents, Multi-Agent Systems and Robotics 2018 (ISAMSR 2018)

Main Hall, 11.15 - 13.00

No.	Paper ID	Title	Main Author/Authors
1	3001	Comparison of Different Configuration Space Representations under Combinatorial Method	Sanjoy Kumar Debnath, Rosli Omar and Nor Badariyah Abdul Latip
2	3002	An Assessment of Human Resources Issues in Employee Performance: A Multi Attributes Decision Making Approach	Osama Al-Masri, Alicia Tang and Amer Al Nejam
3	3003	Security Enhancement during Agents communication in GNA approach	Khudhair Mohammed, Mazlina Abdul Majid, Mohd Sharifuddin Ahmad
4	3005	A Survey of Multi-Agent System Approach in Risk Assessment	Mustafa Hassan, Salama Mostafa, Aida Mustapha, Mohd Helmy Abd Wahab, Danial Md Nor
5	3006	A Workload Manager: The Pre-assessment in Sincere Software Agent Environment	Nur Huda Jaafar, Mohd Sharifuddin Ahmad, Azhana Ahmad and Nurzeatul Hamimah Abdul Hamid
6	3007	A Survey of Multi-agent Systems and Case-Based Reasoning Integration	Mohammed Jubair, Salama Mostafa, Aida Mustapha and Hanayanti Hafit
7	3008	Formulation of Mandatory Task Algorithm Using Task Prioritization Technique	Sean Goh Ka Hong, Azhana Ahmad and Alicia Tang Yee Chong

Main Hall, 15.00-18.00

No.	Paper ID	Title	Main Author/Authors
8	3009	Vision-based Alignment Control for Mini Forklift System in Confine Area Operation	Muhammad Aqeel Yaacob, Addie Irawan, Farah Adiba Azman, Mohd Razali Daud, Akhtar Razul Razali and Sheikh Norhasmadi Sheikh Ali
9	3010	Eye Center Detection Using Combined Viola-Jones and Neural Networks Algorithms	Farah Nadia Ibrahim, Zalhan Mohd Zin and Norazlin Ibrahim

10	3012	A Realtime Autonomous Flight Navigation Trajectory Assessment for Unmanned Aerial Vehicles	Salama Mostafa, Aida Mustapha, Abu Ubaidah Shamsudin, Azhana Ahmad, Mohd Sharifuddin Ahmad and Saraswathy Shamini Gunasekaran
11	3013	Social Presence in Digital Community: Deploying the Concept of Agent-Mediated Personal Knowledge Management	Shahrinaz Ismail and Siti Haryani Shaikh Ali
12	3014	Empirical Evaluation of Guidelines for Prototyping Sociotechnical Systems in JADE Framework.	Msury Mahunnah, Kuldar Taveter, Cheah Waishiang and Sim Yee Wai
13	3015	Simulation of Crowd Evacuation in Laboratory using Social Force Model	Fatin Syazwani Ismail, Shamsul Mohamad, Khalid Isa, Shaharil Mohd Shah, Rafizah Mohd Hanifa, Shahrizal Mohd Sunar and Fawwaz Mohd Nasir
14	3016	A Text Mining Algorithm Optimising the determination of Relevant Studies	Mouayad Khashfeh, Moamin Mahmoud and Mohd Sharifuddin Ahmad
15	3017	Agent-based Self-regulated Learning Simulation: Adopting the Concept of GUSC Model	Shahrinaz Ismail, Siti Haryani Shaikh Ali and Mohamad Hasbullah Abu Bakar
16	3018	An Emotional Agent for the Analysis of Customer Satisfaction Survey	Shahidatul Mansor, Salama Mostafa, Aida Mustapha and Rozanawati Daraman
17	3019	A Multi-Agent Ad Hoc On-Demand Distance Vector for Improving the Quality of Service in MANET	Salama Mostafa, Alicia Tang, Mustafa Hassan and Mohammed Jubair
18	3020	An Adaptive Model for Detection and Prevention of DDoS and Flash Crowd Flooding Attacks	Bashar Khalaf, Salama Mostafa, Aida Mustapha and Noryusliza Abdullah
19	3021	A General Framework of Multi-Agent Features Extraction Operators for Deformed Images Identification	Shihab Khaleefah, Salama Mostafa, Aida Mustapha and Rozanawati Daraman

Room 1, 15.00-15.45

No.	Paper ID	Title	Main Author/Authors
20	3022	Implementing an Agent-based Multi-Natural Language Anti-Spam Model	Mazin Abed Mohammed, Saraswathy Shamini Gunasekaran, Salama Mostafa, Aida Mustapha and Mohd

			Khanapi Abd Ghani
21	3023	Network Security Risk Assessment Using Intelligent Agents	Masoud Mohammadian
22	3024	Compliance at Velocity within a DevOps Environment	Muhammad Zaid Abrahams and Josef Langerman

International Conference on Advances in Computing and Intelligent System 2018 (ICACIS2018)

Room 1, 11.15-13.00

No.	Submission ID	Title	Main Author/Authors
23	3050	Feature Selection for Malware Classification and Detection: A Literature Review	Babak Bashari Rad
24	3051	Feature Extraction Techniques for Speech Processing: A Review	Rosalina Abdul Salam
25	3052	Large Scale Topographic Map Comparison Using Unmanned Aerial Vehicle (UAV) Imagers and Real Time Kinematic (RTK)	Mohd Yazid Abu Sari
26	3053	The application of UAV and RGB imagery for monitoring rice crop development and paddy field condition	Mohd Yazid Abu Sari
27	3056	Determining the Impact of Window Length on Time Series Forecasting using Deep Learning	Yuhanis Yusof
28	3057	CodeCube: Active Learning for STEM	Vinothini Kasinathan
29	3058	GoBetween: Reinventing Travel Agencies in Malaysia	Vinothini Kasinathan

Room 2, 11.15-13.00

No.	Submission ID	Title	Main Author/Authors
30	3062	ORSUM: A Machine Learning Approach for Intelligent Transportation	Imran Medi
31	3073	A Modified Cuckoo Search-Markov Chain Monte Carlo: The Alternative Gradient Free Optimisation Algorithm	Noor Aida Husaini
32	3076	Triangular Fuzzy Number Generator (TriGen)	Muhammad Shukri Che Lah
33	3077	Digital Pulse Interval Modulation Algorithm for FPGA Hardware Implementation	Mohammad Arif Ilyas
34	3078	A Review on Feasibility of Digital Pulse Interval Modulation Implementation in FPGA	Mohammad Arif Ilyas
35	3080	The Adoption of Learning Management System: A Case Study at Kuala Langat Community College	Saidatul Rahah Hamidi

36	3081	Towards the Alternative Modified Cuckoo Search-Markov Chain Monte Carlo for Optimisation	Noor Aida Husaini
----	------	--	-------------------

Room 1, 15.45-18.00

No.	Submission ID	Title	Main Author/Authors
37	3082	Effective Requirement Elicitation process using developed open source software systems	Noraini Ibrahim
38	3083	Practices for managing software requirements during global software development	Muhammad Yaseen
39	3084	Extracting Relevant Agro Food Keywords from Malaysian Online Newspapers	Mohamad Farhan Mohamad Mohsin
40	3085	Pull and Push Methodology in Setiu Wetland Women Entrepreneur Project	Wan Aezwani Bt Wan Abu Bakar
41	3088	Human Thermal Comfort Air Ventilation through Human Skin Contact	Rajina R. Mohamed
42	3105	Alms-Giving (Zakat) Ontology In The Pillars Of Islam	Nurul Aswa Omar
43	3106	Smart Food Verification	Nurul Aswa Omar
44	3113	Information Visualization For Food Mobile Application: Hangri 2.0	Aslina Baharum
45	3114	Food Mobile Application: Hangri Application 2.0	Aslina Baharum
46	3121	Using Conceptual Analytics to Measure Performance of an English Premier League Team	Vinesh Thiruchelvam
47	3122	Development of a Predictive Modelling Tool for an EPL Team's Performance	Vinesh Thiruchelvam

Room 2, 15.00-18.00

No.	Submission ID	Title	Main Author/Authors
48	3124	Indoor Smart Lighting Controlling using Human Detection	Rajina R. Mohamed
49	3126	A comprehensive review on text classification using deep learning	Muhammad Zulqarnain
50	3128	An Improved Pi-Sigma Neural Network with Error Feedback for Physical Time Series Prediction	Urooj Akram
51	3134	INDONESIAN HISTORY-BASED E-LEARNING APPLICATION FOR PRIMARY SCHOOL STUDENTS : "LE HISTORIA"□	Aida Zamnah Zainal Abidin
52	3135	3D Heart Anatomy Augmented Reality : "C-Heart"	Aida Zamnah Zainal Abidin
53	3136	Methodology for multi-stage document segmentation in Mushaf Al-Quran using dominant foreground: A preliminary work	Amirul Ramzani Radzid

54	3143	The Visualization of Sentiment Analysis for Malaysia Financial News Headlines	Shuhaida Mohamed Shuhidan
55	3144	A Review of Financial Market Data Visualization	Shuhaida Mohamed Shuhidan
56	3145	Framework for document feature extraction based on unoccupied space using triangle model	Azrina Tahir
57	3148	Statistical Texture Mean-Windowing Feature of Snake Identification	Rosniza Roslan
58	3149	Deep Learning on Wound Segmentation and Classification: A Short Review and Evaluation of Methods	Nursuriati Jamil
59	3150	Deep transfer learning for ear recognition: A comparative study	Nursuriati Jamil

Room 3, 16.00-18.00

No.	Submission ID	Title	Main Author/Authors
60	3151	Automated Smoking Cessation Pattern Development through Information Retrieval	Raseeda Hamzah
61	3152	Statistical Texture Mean-Windowing Feature of Snake Identification	Rosniza Roslan
62	3153	Review the methods of bankruptcy prediction: Towards development of robust machine learning for Malaysia's finance industry	Zulkifli Halim
63	3154	Review the methods of bankruptcy prediction: Towards development of robust machine learning for Malaysia's finance industry	Zulkifli Halim
64	3155	Review the important aspects of bankruptcy prediction: Towards development of robust machine learning for Malaysia's finance industry	Zulkifli Halim
65	3156	Android Ransomware Detection Based on Dynamic Obtained Features	Zubaile Bin Abdullah
66	3157	Comparative Study for E-learning Tools	Kaswati Salleh
67	3165	Triangular Fuzzy Number Generator (TriGen)	Muhammad Shukri Che Lah
68	3168	Classification of Metamorphic Virus using N-grams Signatures	Zubaile Bin Abdullah
102	3209	A Palm Oil Fresh Fruit Bunch Feature Extraction for CBIR Ripeness System	Danial Md. Nor

International Conference on Electronic and System Engineering 2018 (ICESE2018)

Room 3, 11.15-13.00

No.	Submission	Title	Main Author/Authors
-----	------------	-------	---------------------

ID			
69	3079	Autonomous Navigation Robot based on a Single RP-LIDAR Sensor	Abu Ubaidah Shamsudin
70	3086	An investigation of experimentally measured S-parameter as a useful means for impedance characterization of PCB circuitry	Audrey Huong
71	3087	In-vehicle safe driving aid and inter-vehicle interaction technology	Audrey Huong
72	3102	Study of Plasma Induced Damage (PID) through Surface Voltage Measurement for Barrel Plasma Ashers	Kanthaan - Sivapathy
73	3115	Study of Plasma Induced Damage (PID) through Surface Voltage Measurement for Helical Resonator Plasma (HRP) Ashers	Kanthaan - Sivapathy
74	3116	Study of Plasma Induced Damage (PID) through Surface Voltage Measurement for Inductively Coupled Plasma (ICP) Ashers	Kanthaan - Sivapathy
75	3117	Study of Plasma Induced Damage (PID) through Surface Voltage Measurement for Barrel Ashers	Kanthaan - Sivapathy

Room 3, 15.00-16.00

No.	Submission ID	Title	Main Author/Authors
76	3129	Effect of TBOT Concentration n-Nanorod TiO ₂ and p-Cu ₂ O for Heterojunction Thin Film	Fadilah Norazni Binti Fahrizal
77	3130	THE EFFECT OF ANNEALING TREATMENT ON N-CU ₂ O THIN FILM FOR HOMOSTRUCTURE APPLICATION	Fadilah Norazni Binti Fahrizal
78	3138	The development of n-type nanorods and nanoflowers TiO ₂ Cu ₂ O p-type heterojunction thin film solar cel	Fakhriah Razali
79	3142	Low-Power High-Speed 130 nm Magnitude Comparator using 13T Hybrid Full Adder	Siti Hawa Ruslan

International Conference on Sustainable and Green Technology 2018 (SIGHT2018)

Room 1, 11.15-13.00

No.	Submission ID	Title	Main Author/Authors
80	3067	Identifying The Correlation Of Rainfall And Water Level And Rainfall With Stream Flow In Sungai Johor By Using Pearson Correlation Coefficient	Suhaila Sahat
81	3069	Visual Inspection for Slope using Unmanned Aerial Vehicle (UAV)	Nor Baizura Binti Hamid
82	3070	Slope Inspections with Unmanned Aerial Vehicle (UAV)	Masiri Kaamin
83	3075	Visual Inspection of High Risk Slope by Micro-UAV Air-craft	Norhayati Ngadiman

84	3091	Effect of Streamwise Spacing on the Sound Generated by Flow through Two Square Cylinders in Tandem Arrangement	Bukhari Manshoor
----	------	--	------------------

Room 2, 11.15-13.00

No.	Submission ID	Title	Main Author/Authors
85	3092	Analysis of Sound Generated by Flow through Two Square Cylinders in Staggered Arrangement: Effect on Streamwise and Transverse Spacings	Bukhari Manshoor
86	3093	Hydrodynamic characteristics study of axial flow micro hydro turbine	Hamidon Bin Salleh
87	3094	Vibration-Tuned Composite By Shape Memory Alloys	Izzuddin Zaman
88	3095	Finite Element Analysis of Glass Filled Epoxy Using Variational Asymptotic Method for Unit Cell Homogenization (VAMUCH)	Izzuddin Zaman
89	3096	Effect of Mass Flow Rate of Liquefied Petroleum Gas on Emission of Micro Gas Turbine	Amir Khalid

Room 3, 11.15-13.00

No.	Submission ID	Title	Main Author/Authors
90	3103	Simulation Study of Wind Turbine System for Electric Powered Vehicle	Sofian Bin Mohd
91	3104	Experimental Study on the Performance of Double Rotor System for Wind Turbine Powered Vehicle	Sofian Bin Mohd
92	3107	Formaldehyde and VOC Emissions from EFBMF Panel for Sound Absorption Material	Ida Norfaslia Nasidi
93	3108	Sound Absorption Performance of Natural Fiber Palm Oil Agriculture Waste	Ida Norfaslia Nasidi
94	3111	Urban Planning of Sustainable Development Model for Libyan Cities	Ahmed Abdulmotaled Elgadi

Room 1, 14.00-15.45

No.	Submission ID	Title	Main Author/Authors
95	3112	The Effectiveness of Project Manager Strategies in Green Building Construction	Ahmed Abdulmotaled Elgadi
96	3119	Shrinkage behaviour of peat - polymer mixtures	Siti Nooraiin Mohd Razali
97	3120	Effect of Ethanol - Gasoline Blend and Ambient Pressure On Flame Propagation of Spark-Ignition Combustion	Amir Khalid
98	3123	Workability of Vinyl Acetate - Acrylic Copolymer in Peat	Siti Nooraiin Mohd Razali
99	3133	Analysis of Noise Reduction in Micro Gas	Amir Khalid

		Turbine	
100	3162	Assessment on the Feasibility of CO2 Sequestration into Malaysian Steel Slag Using Low Energy Mechanical Milling	Nik Hisyamudin Muhd Nor
101	3167	Methodology on study titled: An Assessment Availability Of Physical Facilities Provision That Support Availability And Accessibility For Person With Disabilities At Universiti Tun Hussein Onn Malaysia	Wee Fern Ng

COMMITTEE MEMBERS

CONFERENCE CHAIR

Aida Mustapha
Universiti Tun Hussein Onn Malaysia

CONFERENCE CO-CHAIR

Mohd Helmy Abd. Wahab
Universiti Tun Hussein Onn Malaysia
IEEE Computer Society

Ali Selamat
Universiti Teknologi Malaysia
IEEE Computer Society

Amir Khalid
Saiful Azhar Ahmad Tajudin
Fariza Mohamad
Universiti Tun Hussein Onn Malaysia

CONFERENCE CO-FINANCE

Shukor Abd. Razak
Universiti Teknologi Malaysia
IEEE Computer Society

SECRETARY

Rozanawati Darman
Salama A. Mostafa
Universiti Tun Hussein Onn Malaysia

Mohd Hazli Mohamed Zabil
Universiti Tenaga Nasional
IEEE Computer Society

TECHNICAL AND PROGRAM

Saraswathy Shamini Gunasekaran
Universiti Tenaga Nasional

Radzi Ambar
Universiti Tun Hussein Onn Malaysia

PUBLICATION

Moamin A. Mahmoud
Universiti Tenaga Nasional

Zalhan Mohd. Zin
Universiti Kuala Lumpur

PROMOTION & PUBLICITY

Hanayanti Hafit
Universiti Tun Hussein Onn Malaysia

Shahrinaz Ismail
Universiti Kuala Lumpur

Khalid Isa
Universiti Tun Hussein Onn Malaysia

Muhammad Nurhisyam Md. Ramli
Universiti Tun Hussein Onn Malaysia

IT

Noryusliza Abdullah
Muhamad Rais Abd. Halim
Shahril Nazim Mohamed Salleh
Haljiah Hasli
Universiti Tun Hussein Onn Malaysia

ORGANIZING PARTNERS

Host



Technical Co-sponsor



Co-organizer



Manager

