

**The 6th International Conference on Advances
Technology in Telecommunication, Broadcasting, and
Satellite 2018
(The 6th TelSaTech 2018)**



Conference Program

Nusa Lembongan Room

Bali Dynasty Resort Hotel

The 6th International Conference on Advances Technology in Telecommunication, Broadcasting, and Satellite 2018
(The 5th TelSaTech 2018)

Bali Dynasty Resort Hotel : Jalan Kartika, Kuta, Kabupaten Badung, Bali 80361
06 October 2018

Instructions for Presenters

1. Please check this Program for your presentation time(s) and room(s). Please go to the room five minutes before the session starts and report to the Session Chair.
2. Please do not exceed your allotted time. Please follow the instructions of the Session Chair.
3. If the Session Chair(s) is/are absent from the session, the last speaker should serve as the Session Chair.

Instructions for Session Chairs

Session chairs are kindly requested to do the following:

1. Calculate the time allocated for each paper in your session. The time allocated to a paper may be different in different sessions, due to uneven distributions of papers in different areas (the number to the left of a session in the "Conference Program" next page shows the number of papers allocated to this session) and a small number of absentees due to visa and other reasons.
2. Arrive at the room of the session five minutes before the session starts and identify each of the speakers for the session.
3. Do not allow presentations or the subsequent discussions to run beyond the starting time of the next presentation.
4. If the presenter of a paper is absent ("no-show"), please continue to the next presentation. Please check again at the end of the last presentation whether the "no-show" turns up. Best efforts have been made to reduce the number of no-shows; however, they may not be eliminated.
5. Each oral presentation room is equipped with an LCD projector. If something is not working properly, please contact conference staff.

Keynote Speaker

**Dr. Tokuro Matsuo – Professor, Advanced Institute of Industrial Technology,
Japan**



Title:

Integrating Cyber and Physical Environments in Consensus Formation

Nowadays, a lot of types of communication system to make consensus among people are provided. We can utilize these kinds of systems, such as Social network system, e-mail, and instant messenger system, to make a decision and determination through online discussion. In the next decade, we can forecast a lot of types of consensus formation systems are provided and we may find new communication systems integrating between cyber and physical environment. In this talk, I introduce our conducted experiments using cyber-physical discussion environment in the panel discussion session in the conference. In the session, facilitator asks question to panelists about issues on the discussion and attendees can also do as well

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by their voice. Each attendee also can post and declare his/her opinions and suggestions through the online discussion system during the session. One or two facilitators facilitate the discussion in the online system as well as real discussion. We found out a lot of interesting results of attendees survey taken in before/after the experiments. I also introduce the environment to provide useful information for attendees by the digital signage system in the conference venue. This digital signage system is connected to the attendees location capture system and conference registration system. These integration between cyber and physical environments and data

Short bio:

Dr. Tokuro Matsuo is a full professor at Advanced Institute of Industrial Technology since 2012. He received his Ph.D. in computer science from Nagoya Institute of Technology in 2006. He then joined the faculty of the Yamagata University, where he is an Associate Professor of Informatics until 2012. Currently, he is a Guest Professor at Bina Nusantara University, Indonesia; the Project Professor of Collective Intelligence Research Center at Nagoya Institute of Technology, Japan; a Research Fellow of SEITI in Central Michigan University, USA. He was a Visiting Professor at University of Nevada, Las Vegas, USA from 2016-2017; a Visiting Researcher at University of California at Irvine, USA from 2010-2011; was a Research Fellow at Shanghai University, China from 2010 to 2013; and was the Project Professor of Green Computing Research Center at Nagoya Institute of Technology, Japan from 2011 to 2014. His current research interests include electronic commerce and business, service science and marketing, business management, artificial intelligence, material informatics, tourism informatics, convention and event management research, and incentive design on e-services. Some of his researches are presented in the top international conferences on AAI, IEEE CEC, AAMAS, and WWW. He is a founder of IEEE International Conference on Agents in 2016 and International Congress on Advanced Applied Informatics in 2012. He also chaired a lot of international conferences over 50, such as IEEE/ACIS SNPD 2009, 2012 and 2014, IEEE TENSYPMP 2016, IEEE/ACIS ICIS 2010 and 2013, IEEE IWEA 2007-2012, ACAN 2005-2012, and AAI 2012-2017. He served several academic services including Technical committee member of IEEE SMC CCI, Editor in chief of International Journal of Computer and Information Science, and Managing Editor of International Journal of Information Engineering Express, International Journal of Smart Computing and Artificial Intelligence, International Journal of Institutional Research and Management, and International Journal of Service and Knowledge Management. He gave over 90 keynotes and invited talk at international conferences, symposia, and seminars in this decade. He also received over 20 awards and 30 research grants from research foundations, company and government. He was/is also commissioned as the Vice President of International Association for Computer and Information Technology, USA; Vice President of Software Engineering Research Foundation, USA; Executive Director of International Institute of Applied Informatics, Japan; Japan Conference Ambassador; Kumamoto City MICE Ambassador; and Adviser of Information Promotion of Japan.

The 6th International Conference on Management and Technology in Knowledge, Service, Tourism & Hospitality 2018 (The 6th SERVE 2018)

Program Schedule

Notes/Session ID

06 October 2018		
08:30 - 09:00	Registration - Nusa Lembongan Room	
09:00 - 09:10	Opening & Welcoming Speech by General & Conference Chair	
09:10 - 09:20	Welcome Dance : Traditional Dance	
09:20- 10:10	Keynote Talk : Prof Tokuro Matsuo, Ph.D	
10:10 - 10:30	Photo Session & Coffee Break	
10:30 - 12:00	Sessions: Telecommunication : Session Chair :	
Nusa Lembongan Room	Tel 101	Aztec shape metamaterial based passband filter for C, X and Ku-band application
	Tel 102	Prioritization of Criteria in Evaluating Customer's Trust on Online SNSs Sellers using AHP
	Tel 103	Information support of public administration – from information economy to digital economy
	Tel 104	Simulation of Control Elevator Use Fuzzy Logic Method
	Tel 105	Development of Mobile Application for Cerebral Palsy Individual in Activities of Daily Living (ADL) Skills
	Tel 106	Business Analysis and Development of Interactive Learning Center Platform
	Tel 107	Validity of Discrimination Index Based on Jain's Fairness Index to Differentiate Researchers which Have Identical H-index Values
12:00 - 13:00	Lunch Break - The Golden Lotus	
13:00 - 15:00	Sessions: Service Science : Session Chair :	
Nusa Lembongan Room	Ser 103	Identifying Hotspot Areas of Substance Abuse with Geographical Information System in Malaysia: A Case Study
	Ser 108	Integrating Risk Management Practices and Risk Behaviour to Sustain R&D Project Performance
	Ser 109	Risk Management Practices for Effective Management of Risk in Research Universities

	Ser 110	Assessing Viral Advertising Pass-On Behaviour of Online Consumers; The Consumer Attitude Perspective
	Ser 115	Ecotourism Potential as City Branding: A Case Study of Pinrang District, South Sulawesi, Indonesia
	Ser 116	The Study of Short-Term Load Forecasting Using Deep Neural Networks
	Ser 122	Data augmentation for human activity recognition
	Ser 128	The Effect of Quality Management Principles of ISO 9001 on Innovation Performance In Teaching And Learning Process
	Ser 132	Assessing the Preparedness of Indonesian ICT SMEs in Entering the Global Market: A Preliminary Study
	Ser 134	Employee Commitment; Role of Leadership and organizational culture
15:00 - 15:15	Coffee Break	
15:15- 17:30	Sessions: Intelligent System : Session Chair :	
Nusa Lembongan Room	Int 101	Feature Reduction of Short Text Classification by Using Bag of Words and Word Embedding
	Int 102	ELABORATION LIKELIHOOD INDONESIA FOOD BLOGGER ON INSTAGRAM
	Int 103	Lightweight and Energy-Aware Wireless Mesh Routing for Autonomic Internet of Things Network
	Bio 101	A new approach for signaling pathway analysis based on formal methods
	Bio 102	Disposition, Experience and Trianee Satisfaction in Nursing
	Bio 103	Collaborative Wellness Service Model Based on IoT Devices for Remote Interactive Health and Activity Monitoring
	Bio 104	iBSTDM: an Immune-based Blockchain Spam Transaction Threat Discovery Model”
19:00 - 20:30	Gala Dinner - The Golden Lotus	

Conference Venue

Bali Dynasty Resort Hotel

Set 5 km from the nightlife of Jalan Legian, this laid-back, upscale resort are an 11-minute walk from the Waterbom Bali waterpark and 9.2 km from lively Seminyak Beach.

Modern rooms offer balconies, complimentary Wi-Fi and flat-screen TVs, plus coffeemakers. Family rooms come with extra bedrooms with bunk beds. Suites add kitchenettes, sofa beds and free minibars. Exotic, canvas tent villas have ocean views, open-air bathrooms and lawn seating.

A free buffet breakfast is provided. Other amenities include 6 restaurants, 5 bars, 3 pools and a spa. There's also a fitness center and a trapeze school, as well as clubs for kids and teens

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