

The 5th International Conference on Kinematics, Mechanics of Rigid Bodies, and Materials 2017 (The KINEMATICS 2017)

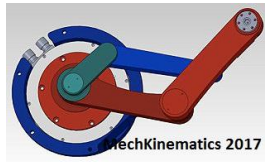


IOP Conference Series
Materials Science and Engineering

IOP Publishing

The Ambarukmo Hotel, Yogyakarta Indonesia - Kencana Room

15 - 16 December 2017



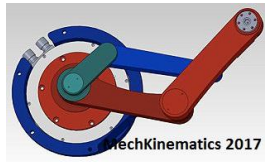
Instructions for Presenters

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 Speakers

Title: Towards a better service with IoT, Big Data, and AI

Kiyota Hashimoto, D.Eng.

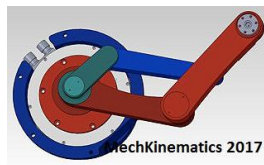
Prince of Songkla University, Phuket Campus, Thailand

Abstract: IoT (Internet of Things), Big Data, and AI (Artificial Intelligence) are the top three buzz words in ICT research areas. When considering what will be brought with them, however, we face a variety of issues that may seemingly conflict. In this talk, we will review some of the biggest social changes brought by them in order to know what a better service is, and discuss some explicit and implicit issues with it.



Biography

Kiyota Hashimoto, D.Eng., works at Faculty of Technology and Environment, Prince of Songkla University Phuket Campus, Thailand. He obtained his B.A. and M.A. from Kyoto University, Japan, and Doctor of Engineering from Nara Institute of Science and Technology, Japan. After 20 years' research and education at Japanese universities including Osaka Prefecture University as a full professor, he moved to Thailand in 2015. His research interest includes natural language processing, text mining, machine learning, artificial intelligence in general, e-learning, and more. He published 100+ papers at international journals and conferences. He also contributes as associate editor for some international journals, as chair for many international conferences, and as committee member for Thai, Japanese, Indonesian academic associations.

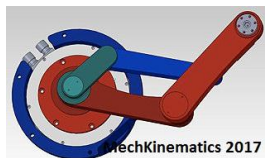


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Conference Program

Notes/Session ID

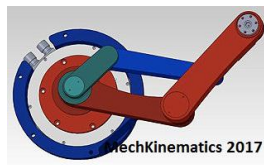
Day 1: 16 December 2017		
08:30 - 09:00	Registration Starts - Coffee and Snacks Time	
09:00 - 09:10	Opening by General Chair	
09:10 - 09:30	Welcome Dance	
09:30 - 10:45	Session : Applied Technology (Session Chair:)	
Kencana Room	101	Microstructural changes of the heat affected zones of Cr-Fe-C hardfacing alloys
	102	Dynamic analysis and characterization of 2 stage epicyclic gear box in wind turbine drive train
	103	Reliability Value Analysis of Dump Truck Unit 108
	104	Variability of Chemical Analysis of Reinforcing Bar Produced in Saudi Arabia
	105	Determination of reduced mass and stiffness of flexural vibrating cantilever beam with a variable cross-section with longitudinal aperture
	INT 101	Optimizing student's curricula by analyzing Syllabus paths through NLP processing
	INT 102	Intelligent Lighting Control System with Precise Dimming and Correlated Colour Temperature.
10:45 - 11:00	Photo Session & Coffee Break	
11:00 - 12:00	Keynote Speaker : Prof. Kiyota Hashimoto, D.Eng - Prince of Songkla University, Phuket Campus, Thailand	
12:00 - 13:30	Lunch Session - Royal Restaurant	
13:30 - 16:00	Session : Social Sciences (Session Chair:)	
Kencana Room	182	Minangkabau Language Learning Based on Android Application
	183	Development of Crops Featured Commodities Application in Sulawesi and Maluku Island Based on Geographic Information System
	184	The Existence of Minangkabau Language Maintenance in Jakarta
	185	Three Stage Data Envelopment Analysis with Artificial Neural Network Model to Measure the Efficiency of Electric Utilities
	186	A Case Study on Emotional Change of Immigrant Youths in Korea after the Collage Art Therapy
	188	A Study on the 'Individual Accountability' of Undergraduate Students in Cooperative Learning centered Liberal Education Class
	189	The Influence of Competency Towards The job Performance of Frontline Employees In Islamic Bank: The Moderator Effect of Religiosity
	190	Role of communication in IT project success
	191	Psychological Conditions Spinal Cord Injury (Sci) In South Kalimantan



	192	Reliability and Validity Test of Successful Framework for Indonesian Public Universities Business Incubator
	193	Cultural Factors and Emotional Intelligence: A Case Study of Students at a Small College
	194	Access the Social Resources of Disadvantaged People (Poor and Emigrants) in Vietnam
	195	Elderly's thought about nursing homes: A case study of Vietnamese elderly
	196	Pupils' self-regulated skills in relation to their perceived position in formal and informal school life processes
	197	Proposed Ecosystem for Developing Digital Business
	INT 103	EFFECTIVENESS OF INFORMATION SYSTEMS IN THE ENROLLMENT OF STATE UNIVERSITIES AND COLLEGES IN CENTRAL LUZON PHILIPPINES : A BASIS FOR ENHANCEMENT
	INT 104	Moral Intensity, Religiosity Mediated Self Concept, of Attitude Ethics Buying
16:00 - 16:30	Coffee Break	
16:30 - 17:00	Best Paper Award and Closing	
19:00 - 21:00	Gala Dinner and Yogyakarta Hospitality - Royal Restaurant	

Notes/Session ID

Day 2: 17 Dec 2017		
08:30 - 12:00	Networking Time	
12:00 - 13:00	Lunch - Royal Restaurant	



Conference Location and Venue

Welcome to The Ambarukmo Hotel - Yogyakarta

Reborn, Your New Royal Destination

The imperial legend lives on at Royal Ambarukmo Yogyakarta. What once served as the Yogyakarta Royal palace and gardens stand today as one of the city's finest 5-star luxury hotels. A prestigious sanctuary for the discerning business and holiday traveller, the award-winning hotel offers a gateway to a grander era with architecture, charm and charisma befitting its regal heritage.

The Ambarukmo Hotel, Yogyakarta Indonesia

Jl. Laksda Adisucipto No.81, Caturtunggal, Kec. Depok, Kabupaten Sleman, Daerah Istimewa Yogyakarta 55281

