

PROCEEDINGS

MBSAE-2018

**International Conference on
Modern Trends in Biotechnology, System
Modeling, Applied Sciences, Engineering
& Technology**

Venue: Hotel Mystays Ochanomizu Conference Center

Tokyo, Japan

Date: November 24-25, 2018



CONFERENCE BOOK OF ABSTRACT PROCEEDINGS

Consortium-ET

Consortium of Engineering & Technology



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Book of Abstracts Proceedings

**International Conference on Modern Trends in Biotechnology, System Modeling,
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Proceedings of the International Conference on Modern Trends in Biotechnology, System Modeling, Applied Sciences, Engineering & Technology (MBSAE)

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***International Conference on Modern Trends in
Biotechnology, System Modeling, Applied Sciences,
Engineering & Technology (MBSAE)***

Venue: Hotel Mystays Ochanomizu Conference Center Tokyo, Japan

Conference Theme: An effective platform to meet other renowned experts in the field of engineering and technology.



ADVISORY BOARD

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CONFERENCE TRACKS

- Computer and Software Engineering
- Mechanical & Metallurgical Engineering
- Electrical & Electronics Engineering
- Civil Engineering
- Bio-Technology & Food Technology
- Chemistry & Chemical Engineering
- Physical, Applied and Life Sciences
- Interdisciplinary

CONFERENCE CHAIR MESSAGE

Michael Sasaoka

“International Conference of Consortium of Engineering & Technology” is a platform that thrives to support the worldwide scholarly community to analyze the role played by the multidisciplinary innovations for the betterment of human societies. It also encourages academicians, practitioners, scientists, and scholars from various disciplines to come together and share their ideas about how they can make all the disciplines interact in an innovative way and to sort out the way to minimize the effect of challenges faced by the society. All the research work presented in this conference is truly exceptional, promising, and effective. These researches are designed to target the challenges that are faced by various sub-domains of the social sciences and applied sciences.

I would like to thank our honorable scientific and review committee for giving their precious time to the review process covering the papers presented in this conference. I am also highly obliged to the participants for being a part of our efforts to promote knowledge sharing and learning. We as scholars make an integral part of the leading educated class of the society that is responsible for benefitting the society with their knowledge. Let’s get over all sorts of discrimination and take a look at the wider picture. Let’s work together for the welfare of humanity for making the world a harmonious place to live and making it flourish in every aspect. Stay blessed.

Thank you.

Michael Sasaoka

Conference Chair

Email: contact@consortium-et.com



CONFERENCE AGENDA

DATE: November 24-25, 2018

LOCATION: Hotel Mystays Ochanomizu Conference Center

DAY: Saturday-Sunday

EVENT TITLE: International Conference on Modern Trends in Biotechnology, System Modeling, Applied Sciences, Engineering & Technology MBSAE-2018

Start Time

09:00 am - 09:10 am: Registration & Kit Distribution
09:10 am - 09:20 am: Introduction of Participants
09:20 am - 09:30 am: Inauguration and Opening address
09:30 am - 09:40 am: Grand Networking Session

Tea/Coffee Break (09:40 am -10:00 am)



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Session: 01
10:00 am - 12:00 pm: Presentation Session
Track A: Business, Economics, Social Sciences and Humanities

Presenter Name	Manuscript Title	Paper ID
Iaki Heras-Saizarbitoria	Two Decades of Iso 14001: Looking Back And Ahead	MRSSM-118-ANI101
Prathana Jesalvir Joshi	To Study The Influence of Bollywood Movies on Youths Travel Habits Alongwith Their Propensity to try Local Cuisines Featured in Those Movies	MRSSM-118-ANI102
Dr. Lubashevskiy Vasily	A Conceptual Framework Enabling Understanding of Customer Satisfaction Drivers F Digitalised Vendor Managed Inventory	MRSSM-118-ANI105
Aihie Osarenkhoe Tove Gioeli	A Conceptual Framework Enabling Understanding of Customer Satisfaction Drivers F Digitalised Vendor Managed Inventory	MRSSM-118-ANI105C
Christiana Hilmer	The Effect of Community College Attendance on the Early Career Earnings of Hispanic Males: A Quantile Regression Approach	CRSMA-NOV-101
Michael Hilmer	On Confirmation Bias in Judged Events at the Olympic Games	CRSMA-NOV-102
Track B: Engineering, Technology & Applied Sciences		
Jaehyuck Kim	MPPT Control of Power Converter for Wave Power Generation System	TKE-4118-101
Kim Min Seok	Effects of the Inter Korean Summit to the Presidents of N. Korea, S. Korea, and the USA Evaluated Using Sediment Analysis and Twitter Corpus	MBSAE-NOV18-101
Kim Dong Hwan	Effects of the Inter Korean Summit to the Presidents of N. Korea, S. Korea, and the USA Evaluated Using Sediment Analysis and Twitter Corpus	MBSAE-NOV18-101C

Lunch Time & Closing Ceremony (12:00 pm - 01:00 pm)

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Participants Registered As Listener/ Observer

The following Scholars/ practitioners who don't have any paper presentation, however they will attending the conference as delegates & observers.

Official ID: MRSSM-118-ANI104A

Hkan Mats Tage Vest

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Medical Center Tel-Aviv Israel

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Conference Day 02 (November 25, 2018)

Second day of conference will be specified for touristy. Relevant expenses are borne by Individual him/herself.



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TRACK A

BUSINESS, ECONOMICS SOCIAL SCIENCES & HUMANITIES

Two Decades of ISO 14001: Looking back and Ahead

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Keywords: Corporate Environmental Management, ISO 14001, Management System Standards, Dissemination, Literature Review.

Close to half million ISO 14001 certificates are in force worldwide, twenty-two years after this standard for Corporate Environmental Management was launched initially in 1996. This contribution contains an in-depth analysis of the global dissemination of the main global reference model for the adoption of Corporate Environmental Management practices, together with a review of the main outcomes of the scholarly literature on the subject. The analysis based on the data provided by the International Organization for Standardization (ISO) evidences a heterogeneous geographical dissemination of the main global standard for Corporate Environmental Management. Similarly, the sectoral distribution of ISO 14001 in Japan, the USA and the EU-27 is also heterogeneous. Regarding the outcomes, the analysis shows that the mainstream scholarly literature tends to overvalue the relevance of the standard to improve the environmental performance of the companies. A set of pitfalls and pervasive effects that can result from the implementation and the certification of the ISO 14001 model such as paperwork, superficial implementation, green-washing and lack of internal motivation are analyzed. Avenues for further theoretical research and practical implications for managers and other stakeholders are discussed.

To Study the Influence of Bollywood Movies On Youths Travel Habits Along with Their Propensity to Try Local Cuisines Featured in Those Movies

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Keywords: Bollywood films, Travel , Cuisines , Youth , India

Indian film industry ranks number one when it comes to the number of films produced, releasing more than 1000 films in a year. Bollywood is the popular name for Indian Hindi language film industry which produced 364 in 2017. This makes it the largest film producer in the world with a net worth of around 2.28 billion dollars. Grandeur of films increased as the industry progressed with technological and financial strengths. Over decades, this multimillion dollar industry has a well-built presence in national as well as international markets, which caters to range of viewers. Bollywood movies mesmerize audience by painting picture perfect scenarios with marvelous sights and breathtaking locations, thus subtly promoting tourism of the shown locales. Considering this vast reach of Bollywood cinema, the purpose of this study is to investigate/analyze if Bollywood movies have influences on the film viewing youths travel habits and their propensity to try local cuisines featured in Bollywood movies. This study will also explore the relationship between Bollywood movies and the motivation of the viewers to visit destination featured, and will see how likely are the viewers to choose a destination shown in the film. Additionally, it will also look upon the level of interest a viewer has in watching Bollywood films. For primary research findings, survey and observation methods were used. Samples collected were people aged between 18-26, majorly from India.

A Conceptual Framework Enabling Understanding of Customer Satisfaction Drivers of Digitalised Vendor Managed Inventory

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Keywords: Service Quality, Value Co-Creation, Commitment, Trust, SMEs

This work responds to calls for more studies on customer satisfaction drivers associated with Industrial Vending Solutions (a unique form of vendor-managed inventory) implementation. It identifies key drivers of customer satisfaction and positive service quality perception as well as trust and commitment indicators for business-to-business industrial vending systems by asking: How is the customers perceived service quality impacted by the suppliers execution of the IVS dimensions and what customer satisfaction drivers can be derived? Through an explanatory approach, qualitative data on multiple cases was gathered. 14 in-depth semi-structured interviews were held with customers. We draw upon the consumer satisfaction paradigm to analyse post-usage satisfaction with application service providers services. Solution characteristics of industrial vending systems impact service quality perception through compliance with customer requirements. Customer satisfaction drivers were identified for the investigated industrial vending system, the most important being efficiency, user-friendliness and timeliness. Further, the presence of trust in customer-supplier relationships positively impacts trust and commitment intentions. A conceptual framework builds on knowledge on customer satisfaction which managers can incorporate into the value promise design, product development and marketing strategies.



The Effect of Community College Attendance on the Early Career Earnings of Hispanic Males: A Quantile Regression Approach

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Keywords: Higher Education, Community College, Hispanic

We examine the effects of two-year college attendance on the labor market outcomes of Hispanic students relative to non-Hispanic students at different points in the conditional earnings distribution. Quantile regression results suggest that within a sample of males drawn from the High School and Beyond survey, Hispanic workers that started at two-year colleges observe a significant earnings premia (relative to whites) at both the bottom and the top of the conditional earnings distribution. The estimated effect is largest at the tenth percentile, which when combined with the fact that Hispanics tend to both disproportionately attend two-year colleges and disproportionately fall in the lower end of the conditional earnings distribution suggests that two-year college attendance might indeed be highly beneficial for Hispanic-Americans. In addition, the earnings of Hispanics that transferred to or started at four-year colleges are not statistically different from otherwise similar whites, providing further evidence that Hispanics, as well as blacks, that attend two-year colleges are able to cut into the wage differential much more so than other types of students.

On Confirmation Bias in Judged Events at the Olympic Games

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Keywords: Predicted Medal, Olympics Games, Judged Events

We test for the presence of confirmation bias in judged events at the 10 Olympics Games held in the 2000s. Before each of these games, Sports Illustrated magazine predicted the winners of gold, silver, and bronze medals in every one of the events that were to be contested. We collect data on predicted medal winners and actual medal winners for all of the events. We focus our analysis on the 2,322 predicted medals in individual timed and judged events that were not competed in heat or head-to-head formats. We posit that the possibility for confirmation bias should exist only for judged events and not for timed events because races against the clock are not subject to the vagaries of human evaluation. To test this hypothesis, we consider three different event outcome metrics: the difference between predicted place and actual place, whether a predicted medal winner earns any medal, and whether a predicted medal winner earns the exact medal predicted. Across all three metrics, we find athletes in judged events to be significantly more likely to perform closer to their predicted outcomes than athletes in timed events. These results hold when estimated separately for summer and winter games and for males and females. In other words, our empirical results are consistent with judged events in the Olympic Games being subject to confirmation bias.



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TRACK B

ENGINEERING, TECHNOLOGY & APPLIED SCIENCES

MPPT Control of Power Converter for Wave Power Generation System

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Keywords: Maximum power point tracking (MPPT), Oscillating water column (OWC), Power converters, Power conversion system (PCS), Permanent magnet synchronous generator (PMSG), Wave power generation

The oscillating water column (OWC) wave power generation system consists of an OWC chamber, a turbine, a generator, and a power converter. The power converter controls the generator to convert the kinetic energy of an irregularly varying wave to electric energy. The power converter comprises a rectifier that converts the three-phase AC voltage, which is the output of the generator, into DC, and an inverter that converts the three-phase AC voltage into an AC voltage of a frequency and magnitude required by the grid. In this paper, we present a control scheme to achieve the maximum power point tracking (MPPT) of the turbine employed in OWC wave power generation system. A mathematical modeling and dynamic simulation a permanent magnet synchronous generator as well as a power converter for the OWC wave power generation is carried out.

Effects of the Inter Korean Summit to the Presidents of N. Korea, S. Korea, and the USA Evaluated Using Sediment Analysis and Twitter Corpuss

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Keywords: Sediment Analysis, Twitter Corpus, Inter-Korean Summit

North and South Korea is the only country in the world that is divided, or in a ceasefire. One of the major factors that are interfering with unification is nuclear weapons. Because of Earths environment, nuclear weapons can seriously damage the Earths remaining environment. Therefore, the world has combined to deny the usage of nuclear weapons. The only country that hasnt joined to sign the contract. North Korea has been treating others using nuclear weapons. The diplomacy relationship between North Korea and the USA, South Korea have been inconvenient. Donald Trump and Kim Jong-un have criticized each other through media several times. An unexpected event happened on April 27th. North Korea suddenly changed attitude towards the world. The first event was the inter-Korean summit. This summit is special because North Korea has declared to destroy all the nuclear weapons, related laboratories, and factories to on go the process of denuclearization. Donald Trump has praised the summit himself wishing luck and posted a tweet online saying the Korean ceasefire must and will end. Sediment analysis on Twitter was conducted by Python coding and Independent Sample T-Test, Mann-Whitney U Test, Kruskal-Wallis Test was used to show the difference in means. This research aims to figure out whether the results of Sedimental Analysis can affect the offline world.

UP COMING EVENTS

You can find the details regarding our upcoming events by following below:

<http://consortium-et.com/upcoming-events/>

MISSION

To disseminate knowledge and help scholars, practitioners and administrators to promote the high quality research.

