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**2018 Annual International Forum on
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Commerce, Global Economy and Social
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March 22-23, 2018**



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Book of abstracts

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Conference Chair Message

Dr Masayuki Otaki

International Conference on “Annual International Conference on Recent Advances in Management, E Commerce, Global Economy and Social Sciences” serves as platform that aims to help the scholarly community across nations to explore the critical role of multidisciplinary innovations for sustainability and growth of human societies. This conference provides opportunity to the academicians, practitioners, scientists, and scholars from across various disciplines to discuss avenues for interdisciplinary innovations and identify effective ways to address the challenges faced by our societies globally. The research ideas and studies that we received for this conference are very promising, unique, and impactful. I believe these studies have the potential to address key challenges in various sub-domains of social sciences and applied sciences.

I am really thankful to our honourable scientific and review committee for spending much of their time in reviewing the papers for this event. I am also thankful to all the participants for being here with us to create an environment of knowledge sharing and learning. We the scholars of this world belong to the elite educated class of this society and we owe a lot to return back to this society. Let’s break all the discriminating barriers and get free from all minor affiliations. Let’s contribute even a little or single step for betterment of society and welfare of humanity to bring prosperity, peace and harmony in this world. Stay blessed.

Thank you.

Dr Masayuki Otaki

Conference Chair

RMEG- Secretariat, 2018

Conference Schedule

DAY 01 Thursday (March 22, 2018)

Venue: Room 1

09:00 am – 09:10 am	Welcome Reception & Registration
09:10 am – 09:20 am	Opening Ceremony
09:20 am – 09:30 am	Welcome Remarks – Mr Owan – Conference Coordinator TARIJ
09:30 am – 09:40 am	Introduction of Participants
09:40 am – 9:50 am	Group Photo Session
09:50am – 10:00 am	Grand Networking Session and Tea Break

DAY 01 Thursday (March 22, 2018)
Session 1 (10:00 am – 12:00 pm)

Venue: Room 1
Session Chair: Mr. Leon Yap

Track A: Business, Economics, Social Sciences and Humanities

ITSBM-038-ANI101	Active Learning Effect to Thai Students Learning Outcomes	Natpatsaya Setthachotsombut
ITSBM-038-ANI105	Components of the TOEIC Listening Section and Their Effects on Retention and Dictation in Classes: A Case Study in a Japanese College	Mikako Nobuhara
ITSBM-038-ANI106	The Improvement of Processes in Logistics from the Car Booking to Point of Delivery of DHL Supply Chain (Thailand) Co., Ltd.	Nattapon Wathanachai
ITSBM-038-ANI107	The Applications of 7R in Logistics for Enhancing Service Quality of Outsourcing Motorbike Delivery Service in Bangkok Metropolitan Areas	Chitpong ayasanond
ITSBM-038-ANI108	The comparison of certificate of origin (Form D) and self-certification under the ASEAN Free Trade Area (AFTA): Case study Premium Lubricant International Co., Ltd.	Sittichai Pintuma
ITSBM-038-ANI109	Pyramid of Personality Development	Putjai Indranoi
ITSBM-038-ANI110	The Comparison of Community Educational Institutions: Development Roadmap of Donkeaw Community University of Health and Umong University of Technology on Citizenship Cultivation	Phitphisut Thitart
ITSBM-038-ANI111 & ITSBM-038-ANI111C	The Reconstruction of Positive Multicultural Enviroments Through Translingualism in Taiwan	Tai-Yi Sun & Tung-Chiou Huang

Lunch Break (12:00 – 01:00 pm)

DAY 01 Thursday (March 22, 2018)
Session II (01:00 pm – 03:00 pm)

Venue: Room 1
Session Chair: Mr. Leon Yap

Track B: Engineering and Technology, Computer, Basics and Applied Sciences

DTETA-MAR-105	Antileakage least-squares spectral analysis for seismic data regularization in higher dimensions	Dr. Ebrahim Ghaderpour
DTETA-MAR-106	Experimental Studies on the Effect of Premixing Methods in Anaerobic Digester with Corn Stover	Matli Chandra Sekhar
DTETA-MAR-107	Establishment and Applied Research on Small Island Ecosystem Services Evaluation Assessment Model	Han-Shen Chen
DTETA-MAR-109	A Research of Focus Production System based on the Concept of TOC and JIT	Wu, Ching Yang
DTETA-MAR-111	An Improved ELECTRE II Multi-criteria Decision Making Method- with Technology of Groundwater Contamination Remediation as an Example	Ms Ting-Yu Lin
DTETA-MAR-112	Combining Data Envelopment Analysis and Competitive Dynamic Theory for Exploring Global Smartphone Manufacturers' Performance	Wei-Lun Tsai
DTETA-MAR-113	A Study of Approaches of Seasonal Chaotic Time Series Prediction	Zeng Bo-Jian
DTETA-MAR-114	A Research of Multi-Bottlenecks and Bottleneck Shifting on Drum-Buffer-Rope Job Shop Scheduling	Chin-Wei Chen

Track C: Medical Medicine and Health Study

TKM-438-101	Long-term Effects in Sepsis Care - 24 month follow up of a Randomised Controlled Trial	Gensichen Jochen
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Tea Break: 03:00-03:15

DAY 01 Thursday (March 22, 2018)

Session III (03:15 pm – 05:00 pm)

Venue: Room 1

Session Chair: Mr. Leon Yap

Track A: Business, Economics, Social Sciences and Humanities

RM-MARCH-105	Effect of Training Management on Training Transfer	Azman Ismail
RM-MARCH-106	Future of E-Commerce In Thailand: How to Find the Appropriate E-Commerce Data Survey Methodology For Thailand	Polpat Kotrajaras
RM-MARCH-113	The Microinteraction of Impulsive Buying Behavior and Usability on E-Commerce	Hsien-Hsiu Chen
RM-MARCH-114	The Effect Of Interface Design Of E-Commerce on Abandonment Rate of Shopping Cart -An Example of Progress Indicator	Tzu-ChenChang
RM-MARCH-117	Using Zaltman Metaphor Elicitation Technique To Observe Behavior Patterns of Serious Mobile Game Players—Take Pokemon Go for Example	Ching-Chang Wu3
RM-MARCH-118	Advanced Cognitive Informatics Approaches To Distributed Data Encryption and Management	Marek R. Ogiela
RM-MARCH-119	Selected Aspects of Management Protocols with Application in Cloud Computing	Lidia Ogiela
TKS-438-101	Sustainability Consciousness, Sustainable Behavior of Thais: the Effects on Quality of Life and Happiness	Pratoom Rerkklang

Closing Ceremony

DAY 02 Friday (March 23, 2018)

City Tour and Shopping Day

All respective guests are free to conduct their own sightseeing and tour. The second day of the event is reserved for this memorable purpose.

**Track A: Business, Economics, Social Sciences and
Humanities**

Sustainability Development Consciousness and Behavior of Thais: The Effects on Quality of Life and Happiness

Pratoom Rerkklang*

Abstract This research aims are the following: 1) Sustainability development perceptions, consciousness, behavior, including sufficiency economy behavior, religiosity, family relation, quality of life and happiness of Thais. 2) Correlation between sustainability development perceptions, consciousness, behavior, sufficiency economy behavior, religiosity, family relation, quality of life and happiness of Thais. 3) Effects of sustainability development perceptions, consciousness, behavior, including sufficiency economy behavior, religiosity, family relation on quality of life and happiness of Thais. This research used survey design to study Thais in nationwide. The sample composed of 1,517 Thais from 5 regions which were central, eastern, northern, and southern and Bangkok. The sample was sampling by proportional quota. Research data were collected by questionnaires which reliability was range from .889 to .968. Data were computerized and analyzed by the Statistical Package Software. The research results found that sustainability development perception had effects on sustainable development consciousness, behavior, sufficiency economy behavior, religiosity, family relation, quality of life and happiness. There was positive correlation between all variables. Sustainability development behavior had effect on quality of life and happiness when controlled effect of sustainability development perception, sufficiency economy behavior, religiosity and family relation. The finding suggest Thai government, business and education organizations collaborate on promoting perception, consciousness and behavior on sustainable development for the growth of nations.

Keywords: Sustainability Perception, Sustainability Consciousness, Sustainable Behavior, Quality of Life, Happiness.

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Effect of Training Management on Training Transfer

Azman Ismail*

Abstract According to the present literature connecting to organizational learning, training administration consists of three important elements: support, communication and delivery. Recent studies in this field highlight that the ability of management to appropriately implement training programs may have a significant impact on employee outcomes, especially training transfer. However, this relationship is interesting, the role of training management as an important predicting variable has been less emphasized in the organizational learning research literature. Thus, this study was done to evaluate the relationship between training management and training transfer. A survey method was employed to collect data from employees who work at a military based health organization. The results of Smart PLS path model analysis displayed that the ability of management to appropriately provide support, communicate the information about training programs and select delivery modes had been an essential determinant of training transfer. Additionally, this study provides discussion, implications and conclusion.

Keywords: Training Management, Training Transfer, Smart PLS, Malaysia

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Future of E-commerce in Thailand: How to Find the Appropriate E-commerce Data Survey Methodology for Thailand

Polpat Kotrajaras^{*1}, Kulthirath Pakawachkrilers²

Abstract As the world enters the digital age in an era when technology is integrated into all activities, more innovations and modern technology will be used in the development of the economy and society of the country. In Thailand, Thailand's digital economy and social development plan will be key to the transition into "Thailand 4.0". Digital Economy means an economy which primarily relies on information technology or the internet to create jobs or economic activities, as well as communication technology and telecommunications in developing businesses and industries. Online purchases and sales, or E-Commerce is, therefore, an important part in the value creation of the digital economy. E-Commerce will play an important role in restructuring the economy via opening new channels and opportunities for all Thais, regardless of age and sex, to be able to make purchases and sales online conveniently, at any time and from wherever they are on the globe. E-Commerce also will help bring the world of business closer by removing borders and time barriers in trading. Today, E-Commerce has become a survival passage for Thai business owners, both old and new, as the traditional markets have slowed down. As global investors turn their attention towards rising star economies like South East Asia while E-Commerce businesses are increasing continuously, the government is preparing for the transition towards Thailand 4.0. As E-Commerce is a crucial component to the economy that will drive the development of the economy and society going forward, data on the electronics market in the country, in particular the value of online trades, are significant indicators that can help project the outlook of the online market, guiding policymakers to be able to design appropriate measures in developing the digital economy. Therefore, Thailand needs the appropriate E-Commerce survey to compile the value of E-Commerce in Thailand most comprehensively. The survey results should be beneficial to both the public and private organizations that can integrate this information in their planning and management.

Keywords: E-commerce, Methodology, Innovations

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The Microinteraction of Impulsive Buying Behavior and Usability on E-commerce

Jih-Shih Hsu¹, Hsien-Hsiu Chen^{2*}, Kai-Jyun Lin³

Abstract In recent years, with the development of user experience, more and more designers realized the importance of user to the diversified needs, usage motivation. The users are coming to the site for the content and designers should lead the user interface to help the user to reach the target, so in the interface design field, began to rise a new frontier "Microinteraction". According to the MIC survey found that brings impulse buying phenomenon on mobile devices is more than the traditional percentage of shopping high. Therefore, this study will then be used by microinteraction design shopping sites, discusses consumer impulse buying and usability when browsing the shopping sites, as in the development of the future E-commerce on the user interface of a reference. The purpose of this study was to investigate the use of microinteractions elements design of the shopping website prototype for testing and use of online questionnaires for data collection, and finally thirty-six questionnaires were returned, one-way analysis of variance and in accordance with this, later in semi-structured interviews as an Assistant. The results of this study for microinteraction shopping site does affect users in the operation of usability feeling and even enhance the probability of impulsive buying behavior, and accordingly put forward a four-point micro-interaction design, as well as recommendations for future research.

Keywords: Microinteractions, Impulsive Buying Behavior, Usability, User Experience, User Interface, Mobile Devices

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The Effect of Interface Design of E-commerce on Abandonment Rate of Shopping Cart - an Example of Progress Indicato

Jih-Shih Hsu¹, Hsien-Hsiu Chen², Tzu- Chen Chang^{3*}

Abstract With the rapid development of the Internet and technology into the era of e-commerce, marketing experts and interface designers to master consumer behavior, well-designed shopping environment in order to look forward to continued sales growth. In recent years, attention to consumer behavior to abandon shopping, many studies have pointed out that shopping site complex interface design and additional shipping costs are the main reasons to give up shopping, in order to reduce the abandonment rate of shopping carts, e-commerce leader like Amazon with unconditional free shipping marketing strategy. Compared with the smaller retailers free shipping is the cost of pressure, so the smaller retailers through the amount of money to reach a certain threshold and then provide free shipping service strategy is quite common in the field of e-commerce. This research will design the freight progress index to improve the shopping website interface design, and take the shopping website interface design as the variable to explore whether the shopping interface has the progress index design on the relationship between the online shopping cart abandonment rate as the research focus, with the network in Taiwan.

Keywords: Interface of Shopping Website、 Progress Indicators、 Abandon Ratio

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Using Zaltman Metaphor Elicitation Technique to Observe Behavior Patterns of Serious Mobile Game Players—Take Pokemon GO for Example

Jih-Shih Hsu¹, Shian- Shiou Chen², Ching-Chang Wu^{3*}

Abstract Nowadays the information science and technology development speed changes with each new day, the running gear popular degree has also promoted many, in addition moves the network more and more to facilitate, the modern people used the handset the frequency also greatly to promote. Along with running gear and network universalization, the people constantly all use the handset to access the net. Is all the rage global the hand to swim plays Pokemon GO to open officially in August 6, 2016 in Taiwan downloads. This research observes Pokemon GO specific weight to play family's use behavior, the penetration metaphor extraction technology obtains plays the family the reason which craves to Pokemon GO, then analyzes the use behavior. This research use fords into natural meter (RPII) to play Gao Sheru the family to take this research the object of study. And obtains Pokemon using metaphor extraction technology (ZMET) the GO specific weight to play the family innermost feelings truly to the Pokemon GO feeling. Between and penetrates the mental map to pursue the construction to read with the construction reads the relations, obtains Pokemon the GO specific weight to play family's use behavior. Provides refers for other game exploiter.

Keywords: ZMET, Pokemon GO, MEC, User Behavior

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Advanced cognitive informatics approaches to distributed data encryption and management

Marek R. Ogiela^{1*}, Lidia Ogiela²

Abstract In this paper will be described possible applications of cognitive and behavioural approaches in Fog and Cloud computing. In particular, will be presented the ways of using some personal behavioural characteristics for creation of securing protocols dedicated to confidential distribution and secure management of information over Fog infrastructure and Cloud environment. The new paradigm of cognitive cryptography will be also described.

Keywords: Information Management, Security Protocols, Database Engineering

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Selected Aspects of Management Protocols with Application in Cloud Computing

Lidia Ogiela, Marek R. Ogiela

Abstract In this paper will be presented a description of service management protocols. Especially, presented solutions will be dedicated to Cloud and Fog Computing. The main idea will be describing with application of semantic aspects, dedicated to service management application. Services management protocols in the cloud and the fog can be realized with application of secure important and strategic idea.

Keywords: Fog and Cloud Computing; Service Management Protocols; Topics Related to Management

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The Improvement of Processes in Logistics from the Car Booking to Point of Delivery of DHL Supply Chain (Thailand) Co., Ltd

Nattapon Wathanachai*

Abstract The purpose of this research were; 1) study processes in logistics process from the car booking to point of delivery of DHL Supply Chain (Thailand) Co., Ltd. 2) study problems that occur in each activity in logistics processes from the car booking to point of delivery of DHL Supply Chain (Thailand) Co., Ltd. 3) study the improvement of activities in logistics process from the car booking to point of delivery of DHL Supply Chain (Thailand) Co., Ltd. The sample was 13 employees involved in the logistics process consist of 10 employees from DHL Supply Chain and 3 employees from Agilent Technologies. The instruments used in the study were observation and depth interviews those involved in the logistics processes from car booking to point of delivery. Researcher also collects information from related documents and researches to find solutions for increase the efficiency of the service. The results of research found that the majority of problems are caused by 2 factors; 1) Staffs of DHL Supply Chain both of coordinators and drivers do not provide customer with professionalism, coordination, solve the problem and service mind. Selection of the appropriate personnel and sufficient training are the key to increase customer satisfaction. 2) System processes and working equipment should be improved the system processes by easy to work and selection of the appropriate equipment for use can help make work easier and improve performance as well.

Keywords: Logistics Process Improvement, Sub Contract, Car Booking, Point of Delivery,

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The comparison of certificate of origin (Form D) and self-certification under the ASEAN Free Trade Area (AFTA): Case study Premium Lubricant International Co., Ltd.

Sittichai Pintuma*

Abstract This research is the qualitative research, the comparison of certificate of origin (Form D) and self-certification under the ASEAN Free Trade Area (AFTA): Case study Premium Lubricant International Co., Ltd. By study the relevance and Trade Area development under the ASEAN Free Trade Area. The samples were the staffs from head of import-export documents department and foreign trade department. Choosing a specific type of 5 people from data collection, interviewed and observations of those involved then analyze and summarize the study. Finding that, the opinions of samples were different to comparing about using certificate of origin (Form D) and self-certification under the ASEAN Free Trade Area (AFTA); self-certification's system can reduced the time and cost saving including fallibility less than certificate of origin (Form D) by using data electronic record system. The risk of self-certification error is less than certification of origin. The self-certification is no needs to save the data to electronic system, just identify domestic proportion of invoice to make less of error. But the risks in origin rules might be inspection and monitored by the foreign trade department.

Keywords: Free Trade Area, ASEAN, Certificate of Origin, Self-Certification, Import-Export Documents

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The Comparison of Community Educational Institutions: Development Roadmap of University of Donkeaw Healthy Community and Umong University of Technology on Citizenship Cultivation

Phitphisit Thitart*

Abstract The study on “The Comparison of Community Educational Institutions: Development Roadmap of University of Donkeaw Healthy Community and Umong University of Technology on Citizenship Cultivation” was conducted as a comparative study on issues, factors and motivations to develop new universities for districts. According to the study, Donkeaw district is mostly a retirement community. Most of the people are old and have weak bodies. Knowledge on health is the main feature driving the University of Donkeaw Healthy Community to increase the happiness of their community in four dimensions: happiness in the body, happiness of the mind, happiness through wisdom and happiness for society. Umong district is going to focus more about city life. Umong people have become more distant from each other and were showing little care for their community. Civic responsibility is featured strongly to remind people about what is right, personal accountability and citizenship. Looking at different lifestyles, different folk wisdom and different environments are the key factors used to establish and develop both universities. Therefore, a deep knowledge of local life and good local folk wisdom are important factors to develop a community education institution which is unique, prominent and sustainable.

Keywords: Comparative Study, Community Education Institution, Knowledge Management

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**Track B: Engineering and Technology,
Computer, Basics and Applied Sciences**

Antileakage least-Squares Spectral analysis for seismic data Regularization in higher Dimensions

Dr. Ebrahim Ghaderpour^{1*}, Wenyuan Liao², Michael P. Lamoureux³

Abstract The antileakage least-squares spectral analysis is a new method of mitigating the spectral leakages in the least-squares spectrum caused by non-orthogonality of the sinusoidal basis functions on irregularly spaced series. This method is robust when data series are wide-sense stationary, and it can be applied to non-stationary data series by an appropriate windowing strategy similar to the antileakage Fourier transform. We briefly describe this method and show how one may apply it to regularize seismic data in higher dimensions.

Keywords: Antileakage, Regularization, Dimensions

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Experimental Studies on the Effect of Premixing Methods in Anaerobic Digester with Corn Stover

Matli Chandra Sekhar¹, Sagarika M^{2*}

Abstract Agricultural residues are producing in large quantities in India and account for abundant but underutilized source of renewable biomass in agriculture. In India, the amount of crop residues available is estimated to be approximately 686 million tons. Anaerobic digestion is a promising option to utilize the surplus agricultural residues and can produce biogas and digestate. Biogas is mainly methane (CH₄), which can be utilized as an energy source in replacement for fossil fuels such as natural gas, oil, in other hand, digestate contains high amounts of nutrients, can be employed as fertilizer. Solid state anaerobic digestion (total solids $\geq 15\%$) is suitable for agricultural residues, as it reduce the problems like stratification and floating issues that occur in liquid anaerobic digestion (total solids $< 15\%$). The major concern in solid state anaerobic digestion is the low mass transfer of feedstock and inoculum that resulting in low performance. To resolve this low mass transfer issue, effective mixing of feedstock and inoculum is required. Mechanical mixing using stirrer at the time of digestion process can be done, but it is difficult to operate the stirring of feedstock with high solids percentage and high viscosity. Complete premixing of feedstock and inoculum is an alternative method, which is usual in lab scale studies but may not be affordable due to high energy demand in large scale digesters. Developing partial premixing methods may reduce this problem. Current study is to improve the performance of solid state anaerobic digestion of corn stover at feedstock to inoculum ratios 3 and 5, by applying partial premixing methods and to compare the complete premixing method with two partial premixing methods which are two alternative layers of feedstock and inoculum and three alternative layers of feedstock and inoculum where higher inoculum ratios in the top layers. From experimental studies it is observed that, partial premixing method with three alternative layers of feedstock and inoculum yielded good methane.

Keywords –Anaerobic digestion, Premixing methods, Corn Stover, Methane yield, Volatile solids

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Establishment and Applied Research on Small Island Ecosystem Services Evaluation Assessment Model

Han-Shen Chen¹, Wen-Shin Huang², Chia-Hsing Liang³

Abstract The situations caused by global warming and climate change are worsening. When natural disasters occur, ecosystems are threatened and operations of the tourism industry are affected. Small islands offer extraordinary natural landscapes with wild flora and fauna, which create rich and special sightseeing experiences and make these islands popular tourist destinations. However, these islands are particularly sensitive and susceptible to global climate change because they are economically vulnerable. Green Island, is located off southeast Taiwan. The island possesses rich geological and topographical features and distinctive biological and ecological resources. These factors contribute to its huge potential to become the new tourism hotspot. However, while tapping tourism resources, one must take into account the sustainable development of the ecology, economy, and society as well as minimize the impact of recreational activities. The study using the choice experimental method (CEM) to create sets of choices under various assumed scenarios, which lead to the construction of a utility function for the experiential attributes of island tourism that allows the respondents to select the appropriate alternative according to their preferences. The findings are used to evaluate the economic benefits of various proposals related to the ecological environment, socioeconomic development, and tourism of Green Island. Finally, according to the study results, countermeasures and suggestions are proposed for sustainable development of the environment of Green Island, providing references for the government and related authorities to make policies.

Keywords: Climate Change; Island Tourism; Choice Experimental Method (CEM)

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A Research of Focus Production System based on the Concept of TOC and JIT

Wu, Ching Yang*

Abstract Enterprises today operate in a turbulent environment full of risks and uncertainties. For all industries, businesses have to meet the compete fiercely and therefore, it is important to boost their competitive advantages. The key focuses of company competitive strategies are boosting the productivity through developing their own production system, increasing the effective output, controlling the cost, and increasing management effectiveness. When discussing the production system of an enterprise the two most well-known production systems are the Theory of Constrains (TOC) by Israeli Scholar Dr. Goldratt, or Just in Time (JIT) of Toyota of Japan. Both production systems are adopted by many companies. However, in practice, the style and approach of TOC and JIT are quite different. Hence, it is vital for a business to position itself to adapt either TOC or JIT as the vehicle to increase productivity. This study explored the “focus on production system” by analyzing five major business emphases: the application of production environment, management objectives, production planning and control, inventory, and relevant improvements. The aim of this study is to assist companies is finding a suitable production system in a volatile business environment that will increase their profitability.

Keywords: Production System, Theory of Constrains (TOC), Just in Time (JIT), Production, Focus

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Track C: Medical Medicine and Health Study

Long-term Effects in Sepsis Care - 24 month follow up of a Randomised Controlled Trial

Gensichen Jochen^{1*}, Scherag Andre², Brunkhorst Frank³, Schmidt Konrad⁵

Abstract Objective: To evaluate long term effects of the primary care based "Sepsis Survivors Monitoring and Coordination in Outpatient Healthcare (SMOOTH)" Intervention [ISRCTN: 61744782] A randomized clinical trial (N=291) patients with severe sepsis or septic shock (sepsis-2 definition) treated at one of nine ICU study centers across Germany. The intervention included training of patients and their primary care physicians (PCP) in evidence-based treatment options, case management provided by trained nurses and clinical decision support for PCPs by consulting physicians. Usual care was provided by PCPs in the control group. We report explorative 24-month follow-up data. 186 of 291 (63.9 %) patients. Mortality was n=63 (21.6%). There were no differences in HrQoL (Health related Quality of Life (HrQoL; Short Form 36; SF-36), mortality or physical functioning between intervention and control group. The control group showed significantly increased posttraumatic symptoms, compared with a slight reduction in the intervention group (diff. PTSS-10, mean (SD) -0.7 (12.1) intervention vs. 3.7 (11.8) control; P=.016). There was no indirect mediation between PTSS-10 at 24 month and physical function at 12 months (P=.094). Interventions to improve physical function after ICU discharge may need to be continued to ensure effectiveness. Posttraumatic symptom increase within the control group may be attributable to late onset of posttraumatic stress. Further research and refined intervention methods are needed to replicate and evaluate these explorative results.

Keywords: Sepsis, Post ICU Care, Primray Health Care, Randomised controlled trial

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Scientific Board

Scientific Board for Business, Economics, Social Sciences and Humanities

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5. Dr. Mustafa Mavasoglu (Cukurova University, Turkey) Dr. Muhammad Abdul Wahid Usmani (University, Riyadh, Saudi Arabia)
6. Dr. Muhammad Abdul Wahid Usmani (University, Riyadh, Saudi Arabia)
7. Mrs. Rita Udoye Dept: Accounting Education Federal college of Education (Technical) Asaba, Nigeria
8. Mr. Kok Yew Ang Dept: Faculty of Creative Multimedia, Multimedia University, Malaysia
9. Mr. Oluwole. Bartholomew Soremi Dept: Economics Tai Solarin College of education, Nigeria
10. Ramon Marimon, Department of Economics, European University Institute, Italy

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Venue



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