

CONFERENCE BOOK OF ABSTRACT PROCEEDING



Venue: Holiday Inn Potts Points Sydney, Australia

Date: July 07-08, 2018

TABLE OF CONTENTS

SCIENTIFIC COMMITTEE	4
ORGANIZING COMMITTEE	6
CONFERENCE TRACKS	7
CONFERENCE CHAIR MESSAGE	8
CONFERENCE SCHEDULE	9
Participants Registered As Listener/ Observer	11
Conference Day 02 (July 08, 2018)	12
<i>TRACK A</i>	13
<i>BUSINESS, ECONOMICS SOCIAL SCIENCES AND HUMANITIES</i>	13
Psycho- Spiritual: An Exploratory Study on its Practices	14
A Web Based Decision Support Systems for Green Inventory Routing Problem with Simultaneous Pickup and Delivery	15
The Relationship Between CSR and Performance: Evidence in China	16
Offloading Decision Model for Real-Time Services in Mobile Edge Cloud	17
Factors Influencing Adoption of Knowledge Management of Staff in Private University in Bangkok Metropolitan and Vicinity	18
Docker Based Cloud System for Efficient Management of School Computer Labs	19
<i>TRACK B</i>	20
<i>MEDICAL, MEDICINE & HEALTH SCIENCES</i>	20
Establishment of the Shariah Framework for the Application of Somatic Gene Therapy in Human	21
<i>UP COMING EVENTS</i>	22

Book of Abstracts Proceedings

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Whats App Contact: +971-56-5989114



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ORGANIZING COMMITTEE

Dr. Vincent W Ho

Conference Chair

Email: conference.chair@ani.com

Ms Hungxin Li

Conference Supervisor

Email: Hungxin.Li@anishh.com



CONFERENCE TRACKS

- Social and Community Studies
- Arts
- Humanities
- Civic and Political Studies
- Cultural & Global Studies
- Environmental Studies
- Organizational Studies
- Educational and Communication Studies
- Economics, Finance & Accounting
- Business and Management Studies
- 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
- Medical and Health Sciences
- Paramedical Sciences
- Medicine Sciences
- Biological and Life sciences
- Veterinary Medicine and Sciences
- Food Science & Nutrition
- Agricultural sciences
- Interdisciplinary



CONFERENCE CHAIR MESSAGE

Dr. Vincent W Ho

“International Conference of Akademika Nusa Internasional ” 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, business and economics, applied sciences, engineering and technology, health and medical 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.

Dr. Vincent W Ho

Conference Chair

Email: Conferencechair.ani@gmail.com



CONFERENCE SCHEDULE

ANISSH-2018

Venue: Holiday Inn Potts Points

Time: Registration & Kit Distribution (09:00 - 09:10 am)

Day: Saturday

Date: July 07, 2018

Venue: Room 1

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 - 10:00 am)



DAY 01 Saturday (July 07, 2018)

First Presentation Session (10:00 - 12:00 am)

Venue: Room 1

Session Chair: Dr Vincent W Ho

Presenter Name	Manuscript Title	Paper ID
Track A: Business, Economics, Social Sciences and Humanities		
Nurul Sakinah binti Aziz	Psycho- Spiritual: An Exploratory Study on its Practices	SYD-278-101B
Tanawut Prakobpol	Factors Influencing Adoption of Knowledge Management of Staff in Private University in Bangkok Metropolitan and Vicinity	MTSBR-078-ANI101
GiaShie Liu	A Web Based Decision Support Systems for Green Inventory Routing Problem with Simultaneous Pickup and Delivery	ESIE-JUL-103
Erin Huichuan Kao	The relationship between CSR and performance: Evidence in China	ESIE-JUL-106
Sangwook Han	Offloading Decision Model for Real-Time Services in Mobile Edge Cloud	ESIE-JUL-109
Minsu Chae	Docker Based Cloud System for Efficient Management of School Computer Labs	ESIE-JUL-110
Track B: Medical, Medicine & Health Sciences		
Zakiah Samori	Establishment of the Shariah Framework for the Application of Somatic Gene Therapy in Human	SYD-278-101M

Lunch Break & Ending Note:(12:00 pm - 01:00 pm)



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: SYD-278-102MA
Abdullah Mohammad Alghamdi
RMIT University, Australia



Conference Day 02 (July 08, 2018)

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



TRACK A

BUSINESS, ECONOMICS SOCIAL SCIENCES AND HUMANITIES



Psycho- Spiritual: An Exploratory Study on its Practices

^{1*}Nurul Sakinah binti Aziz, ²Dr. Rafeah binti Saidon

^{1,2}Universiti Teknologi MARA, Shah Alam, Selangor Malaysia

Corresponding Email: nurulsakinah.uitm@gmail.com

Keywords: Psycho-Spiritual, Spiritual Practices, Spiritual Component

Nowadays, the integration of psychology and spiritual terms known as a psycho-spiritual has been widely used and implemented worldwide. Many scholars have recognized the importance of spiritual role which reflect the entire span of human daily life. Due to that, many studies are explored to reveal the relation of this spiritual element with human well-being. Hence, this study will briefly illustrate the current practices of this so-called integrated element and examining its approaches in different practices. Also, this study attempts to emphasize the applicability of various spiritual segment deriving from different perspectives. Special focus shall also be paid to the significant impact of spiritual role towards human spiritual formation. This study adopts qualitative approach where major authentic academic literature in the related field is utilized based on content analysis. This study further submits that a psycho-spiritual approach is crucially essential to lessen spiritual illness that might otherwise arise and affects psychological states. It is hopeful that the finding of this study would provide an insight for the researchers and practitioners on the role of spiritual involvement as a promising factor to heal and restore physiological disturbances.

A Web Based Decision Support Systems for Green Inventory Routing Problem with Simultaneous Pickup and Delivery

*GiaShie Liu

Lunghwa University of Science Technology, Taiwan

Corresponding Email: liugtw@yahoo.com.tw

Keywords: Green Inventory-Routing Problem, Delivery, Greenhouse Gas Emission, Target exchange Heuristic Method, Decision Support System

Most publishing logistics firms in Taiwan decide their distributed routes by considering the inventory related cost and transportation cost independently based on their past intuitive experiences. In fact, by concerning both of them, it is more likely to plan the delivered routes economically and efficiently. Due to the increasing environmental concern by the whole world, this total inventory routing cost better accounts for Greenhouse gas emission cost regarding global warming. Most literatures of Inventory-Routing problems find the solutions by simulation, rather than solve the real case problem of logistics firms. Furthermore, few of them consider pickup and delivery problems at the same time. Due to environmental awareness, carbon emission cost is also incorporated into the model by considering the interrelationship between the transportation cost and Greenhouse gas emission level. Therefore, this research develops a decision support system to the Green Inventory Routing Problem with Simultaneous Pickup and Delivery (GIRPSPD) and to show the planned routes on GoogleMap. The mathematical model for GIRPSPD is first constructed, then Savings method is applied to obtain the initial feasible solution, finally implement Target insert heuristic method and Target exchange heuristic method to find the optimal solution. The numerical examples will be illustrated by applying this publishing logistics firms actual operating data to acquire the optimal delivery routes, and the related economic order quantities, the optimal reorder points and customer service levels of the retail stores located in those proposed routes. Furthermore, the performance of two proposed Target heuristic methods will be compared with Savings method and current routing planning implemented by this specific logistics company. Finally, sensitivity analyses are also conducted based on truck loading capacity to simulate the optimal distribution system design regarding the total inventory routing cost and GHG emission level. Consequently, the outcomes of this proposed decision support system to GIRPSPD not only have important theoretical contribution, but also provide practical application applications for the proposed logistics publishing firms distribution system design.

The Relationship Between CSR and Performance: Evidence in China

*Erin Huichuan Kao

Department of International Business, Tunghai University, Taiwan

Corresponding Email: erinkao@thu.edu.tw

Keywords: Corporate Social Responsibility, Simultaneous Equation Modeling, Agency Cost Theory, Stakeholder Theory, Window Dressing

This study uses a system of simultaneous equations to investigate various hypotheses on the relationship between corporate social responsibility (CSR) and firm performance for state-owned enterprises (SOEs) and non-SOEs in China. The results show variations in market response to CSR engagement by firm ownership type. That is, the market responds favorably to CSR by market-oriented non-SOEs but neutrally to CSR by SOEs with substantial agency costs. The Chinese firms are able to link their CSR activities to firm performance over ! time, likely recognizing the long-term benefits of CSR. Our study demonstrates the important role of ownership in the dynamic CSR-performance relationship.

Offloading Decision Model for Real-Time Services in Mobile Edge Cloud

^{1*}Sangwook Han, ²HwaMin Lee
^{1,2}Soonchunhyang University, SouthKorea
Corresponding Email: leehm@sch.ac.kr

Keywords: Mobile Edge Cloud, Offloading, Real-time

Beyond the IoT era, the 5G era has begun, and assorted services using mobile devices and sensors are emerging in wireless network environments such as autonomous vehicles, health care services, AR services, and smart cities. there are limitations to deal with services offered by the existing cloud computing technology when analyzing a huge amount of collected by various sensors and immediately generated data from individuals and providing multimedia contents service requiring large-scale computing power and network bandwidth. In addition, mobile devices cloud computing technology needed to provide a variety of services in real-time computing power is weak because there is a limit of the battery. However, there are various problems with offloading in a dynamic and highly variable MEC environment. Considering the quality and mobility of the mobile application, it should be able to request optimal offloading according to the situation. In the current MEC environment, all or part of the application is offloaded to a predetermined target node. Therefore, in this paper, we propose an efficient operation offloading method specialized for real-time service in MEC environment. We consider the service limitation and mobility of MEC and propose an offloading scheme that can maximize resource usage. Then, we conduct experiments and evaluation for validation and verification of the proposed real-time service-oriented offloading technique.

Factors Influencing Adoption of Knowledge Management of Staff in Private University in Bangkok Metropolitan and Vicinity

*Tanawut Prakobpol

Faculty of Administration and Management, King Mongkut's Institute of Technology Ladkrabang, Bangkok,
Thailand

Corresponding Email: tanawut_3@yahoo.com

Keywords: Knowledge Management, Adoption of Knowledge Management, Private Universities, Staff

This research aims to: 1) study the levels of knowledge about knowledge management (KM), participation in KM, attitude towards KM, and adoption of KM of Staff in private university in Bangkok Metropolitan and vicinity and 2) factors influencing the adoption of KM of Staff in private university in Bangkok Metropolitan and Vicinity. The data were collected by questionnaire from a sample of 332 people in Bangkok Metropolitan and Vicinity and then analyzed by frequency Percent means and standard deviation. The statistics are used to test the hypothesis Multiple Regression Analysis. The results showed that: Staff in private university in Bangkok Metropolitan and Vicinity are knowledgeable about knowledge management at a high level, Participate in overall knowledge management. At the moderate. When considering each aspect, it was found that participation in knowledge management in practice was the highest. followed by participation in knowledge management in evaluate and participation in knowledge management in thinking. Attitude toward knowledge management at a moderate level and adoption of knowledge management at a high level. Knowledge about knowledge management, Participation in knowledge management in terms of evaluation and attitudes towards knowledge management can predict adoption of knowledge management of private university in Bangkok Metropolitan and Vicinity was significant at the 0.05 level. The predicted adoption of knowledge management was 29.2

Docker Based Cloud System for Efficient Management of School Computer Labs

*Minsu Chae

Soonchunhyang University, South Korea

Corresponding Email: leehm@sch.ac.kr

Keywords: Docker, School Computer lab, Software Coding Education

Recently, the importance of software education has been emphasized all over the world. In Korea, software education has been introduced for elementary schools that have applied for software education since 2015, and software education has been adopted as a regular subject in all elementary schools since 2017. As the importance of the software industry grows, interest in coding education is increasing. In Korea, students must complete 16 hours of instruction in elementary school and 34 hours in middle school from 2019. In Korea, however, there are not enough professional teachers who majored in software, and many schools have poor laboratory environments. For successful software coding education, a basic hands-on environment should be supported. It is also difficult for the teacher to analyze and score all students' program sources during class. In this paper, we propose a computer labs management system that can be executed within seconds by using images already generated by Docker for software education at school. And we implemented a programming practice management system using Docker. Our system provides the ability for teachers to automatically identify and score students' source code as they conduct coding training.



TRACK B
MEDICAL, MEDICINE & HEALTH SCIENCES



Establishment of the Shariah Framework for the Application of Somatic Gene Therapy in Human

¹*Zakiah Samori, ²Fadilah Abd Rahman

^{1,2}Universiti Teknologi MARA Shah Alam, Malaysia

Corresponding Email: zakiahsamori@salam.uitm.edu.my

Keywords: Somatic Gene Therapy, Shariah Framework, Islamic Principles, Maqasid Syariyyah, Qawaid Fiqhiyyah

Human gene therapy is best known as a transfer of nucleic acids to either the somatic cells or germ cells of an individual. It introduces genetic materials which have therapeutic purpose ranging from inherited genetic disorders to certain malignancies and infectious diseases. This medical scientific breakthrough has received lucrative demand worldwide as it offers potential treatment to cure genetic diseases in human at the molecular level. Since then, thousands of people have already participated in the trials thus it is likely to be part of medical practice in the future. Despite of the tremendous benefits that it promises, this new biomedical technology has given rise to several contentious issues from the ethical and religious point of view. Since it comprises of two different therapies namely somatic and germ line gene therapy, each involves different procedures thereby poses different legal ruling and decision. This study attempts to propose a complementary model of the Shariah framework on the human gene therapy with special reference to the somatic gene therapy. This proposed framework is designed and developed to fulfil the lacuna of the Shariah Framework on the application of the somatic gene therapy after an in depth study of its position from the Shariah point of view. In achieving this, a detailed analysis and outlook into the Quranic evidences along with the Hadith of the Prophet Muhammad pbuh were carried out. Following this, its position from the pragmatic approach of the Maqasid al-Syariyyah (Objective of the Shariah) and the Qawaid Fiqhiyyah (Islamic Legal Maxims) is also analysed in further detail. Various fatwas (Islamic verdict) decreed by the variety of fatwa councils from all over the world are also highlighted. This model of Shariah Framework would serve as the ethical basis for the application of somatic gene therapy in Malaysia and beyond (particularly Muslim countries) especially for Muslim doctors, scientists and Muslims at large. For Muslim countries such as Malaysia where Muslims makes the majority of the population and Islam as the official religion in Article 3 of its Federal Constitution, this framework is deemed to be important reference in providing the essential guidelines on the permissibility of this therapy. Consideration of the position of Somatic Gene Therapy from the Shariah perspective is undeniably crucial in any attempt to regulate Somatic Gene Therapy in any Muslim countries in the future.

UP COMING EVENTS

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

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**Our mission is to encourage global communication and collaboration
promote professional interaction lifelong learning recognize
outstanding contributions of individuals and organizations and also
Develop an effective and responsible platform by creating insightful knowledge
and inspiring minds in dialogue with the world around us.**



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