CONFERENCE BOOK OF ABSTRACT PROCEEDING

AN

Venue:Regal Oriental Hotel, Hong Kong

Date: February 16-17, 2019

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Book of Abstracts Proceedings

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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

Venue: Regal Oriental Hotel, Hong Kong
Time: Registration & Kit Distribution (09:00 - 09:10 am)

Day: Saturday
Date: February 16, 2019

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 (February 16, 2019)

Presentation Session (10:00 am - 01:00 pm)

Venue: Room 1
Session Chair: Dr. Almaz Sandybayev

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

Paper ID	Manuscript Title	Presenter Name
ICAR-02-104	Daytime Nap as a Factor of Happiness to Impact on Work Performance. Evidence from the United Arab Emirates	Dr. Almaz Sandybayev
ICAR-02-105	Predictors of teachers referral intention: using the Theory of Planned Behavior	Assoc. Prof. Fr. Jiyeon Lee
MBSHR-029-ANI102	Meta-analysis of Platform Business through Social Network Analysis	Hyunbo Shin
MBSHR-029-ANI103	News Event based financial index prediction using Neural Tensor Network	Doosol Han
MBSHR-029-ANI104	Sentiment Classification Model Using Capsule Network: Focusing on Korean Review Data	Ina Lee
ABCM-FEB19-HK101	Influence of Innovation Climate on Project Success: Project Innovation as a Mediating Variable	LiRen Yang
ABCM-FEB19-HK103	A Study on the Influential Factors of Innovation Acceptance on Korean Internet Only Banks	Jae Kwon Bae
ABCM-FEB19-HK105	Convergent Validity and Factor Structure of the KHAPPI Scale on Physical Activity Participant in Korean Old Adults	Woo Kyung Kim

Track B: Engineering, Technology, Computer and Applied Sciences

Paper ID	Manuscript Title	Presenter Name
ETAS-FEB19-HK101	The Performance Comparison Between Induction and Synchronous Machines as Generators for Power Plant Driven by Renewable Energy Sources	Refdinal Nazir
ETAS-FEB19-HK102	The Readiness Study of E-health Adoption among Regional Public Hospitals; An Empirical study in Indonesia	Vera Pujani

Lunch Break & Closing Ceremony

Conference Day 02 (February 17, 2019)

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

TRACK A

BUSINESS, MANAGEMENT, ECONOMICS, SOCIAL SCIENCES AND HUMANITIE

Influence of Innovation Climate on Project Success: Project Innovation as a Mediating Variable

[1*]LiRen Yang, [2]ChingYun Yu
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With the rapid development of science and technology, the market competition is becoming increasingly fierce, and the product life cycle is continuously shortening. Therefore, in order to maintain the competitiveness and cope with rapid changes in market demand, companies must constantly create new strategies, develop new products, and even engage in organization change with the form of projects. Previous studies have indicated that innovative organizational climate and employees' creativity can be stimulated. In addition, the projects launched by a company can be more innovative, thereby increasing the performance of the company. Innovation plays an important role in project success. Innovation climate can enhance project innovation and improve project success. The previous studies investigated the impact of the innovation climate on organizational performance. However, the effect of innovation climate on project success is still not clear. Thus, the primary purpose of this research was to assess the relationship among innovation climate, project innovation and project success. Specifically, the first objective was to investigate the influence of innovation climate on project innovation. The second objective was to determine the effect of project innovation on project success. The third objective was to evaluate the impact of innovation climate on project success. The fourth objective was to investigate the mediating role of project innovation in the relationship between innovation climate and project success. A survey was conducted to evaluate capital facility projects in the Taiwanese construction industry. These results suggest that project innovation partially mediates the relationship between innovation climate and project success. Specifically, innovation climate has direct impact on project success. In addition, innovation climate also influences project success through project innovation.

A Study on the Influential Factors of Innovation Acceptance on Korean Internet Only Banks

[1*]Jae Kwon Bae, [2]Daewon Kim
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Keywords: Innovation Resistance, Internet Only Banks, Perceived Vulnerability, Innovation Acceptance

Prior studies on innovation resistance of information technology services have mainly focused on the technology acceptance and use diffusion model, this study suggested the innovation resistance determinant factors of innovation adopting the Korean internet only bank services based on the protection motivation theory and innovation resistance model. This study developed an integrated innovation resistance model to explain the intention to innovation acceptance of internet only bank services and collected 265 online survey responses from the non-users of the internet only bank services. The findings of this study suggest that the perceived vulnerability, perceived severity, self-efficacy, response efficacy, personal innovativeness, and perceived relative advantage affected the innovation resistance which has negative influence on the intention to innovation acceptance of internet only banks.

Convergent Validity and Factor Structure of the KHAPPI Scale on Physical Activity Participant in Korean Old Adults

[1*]Woo Kyung Kim, [2]Won Chung Chung
[3]Rhee Ahn Kwon
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Keywords: Construct Validity, KHAPPI. CFA, Korean Old Adults, Physical Activity

The study aimed to assess construct validity of Korean Happiness-enhancing Activities and Positive Practices Inventory (KHAPPI) developed by Henricksen & Stephens (2012), for Korean old adults who participating physical activity with measuring happiness-related propensity. In this study applied confirmatory latent structure analysis for construct validity to confirm validation. Self- reported questionnaire was conducted among 350 participant who physical activity in Korean folk dance, yoga, dance sports, gate ball, and weight training of fitness. Finally total 327 (Male n=131, Female n=196) data were selected, and KHAPPI was analyzed by content validity for normal distribution, Chronbach total =.906, sub-factors =.722 .871 for internal consistency, Exploratory Factor Analysis for eigenvalue criteria, and Confirmatory Factor Analysis for evidence based on convergent and discriminant was confirmed with 4 sub-factors in 17 items by AMOS program. Results showed that GFI=.922, CFI=.954, TLI=.943, and RMSEA=.065 were satisfied goodness-of-fit. C.R. ratio (Critical ratio: estimates/SE) and Squared Multiple Correlations (SMC) were verified model convergent validity of latent variable, and Average variance extracted (AVE) was verified discriminant validity of hypothesis of model. In conclusion, KHAPPI has reliable evidence to apply for Korean old adults. and applicable assessment of happiness.

Meta-analysis of Platform Business through Social Network Analysis

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Keywords: Platform, Platform Business, Media, Meta-analysis, Social Network Analysis

Platform businesses are taking over the world and relevant studies are increasing year by year accordingly. Since there are few meta analytical studies regarding platform, this study conducted meta-analysis based on 1439 platform relevant studies. Social Network Analysis(SNA) was used as methodology. It was revealed that keyword information scored the highest of degree centrality. Media, service, market, network, and technology were also found important as a result. Modularity clustering result showed that clusters of media and information each accounts for 20% and market accounts for approximately 15%. These results in sum explained that media and information were by far important keywords in overall studies concerned platform business carried out during 2010 to 2018. We had discovered differences between results of annual network analysis in which keywords that explain functions and roles of platform are changing and diversifying. Moreover, changes of keywords on yearly basis reflect market changes. This study aimed to contribute academically by providing the first social network analytical meta-analysis about research subject within platform business.

News Event based financial index prediction using Neural Tensor Network

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Keywords: Stock Prediction, Deep Learning, Natural Language Processing, Neural Tensor Network, Event Embedding Sumatera

The prediction of the financial index is considered a difficult problem to solve as the impact is determined within a mechanism of various and complex relationships. On the other hand, news is the fastest way to find out the various influences that occur within the constraints of time and place. Therefore, this study proposes a model for predicting financial index using news articles. News article data is extracted by OpenIE techniques with the Subject Triples (Verb, Object), which are vectorized by Word Embedding techniques. The model design utilized the structure of Neural Tensor Network and Event Embedding. but unlike previous studies, it did not form an average vector of the article unit, thus reducing the likelihood of information loss and can show influential articles as the basis for forecasting. Compared to previous studies using news stories only, it achieved the highest accuracy at 64.40

Sentiment Classification Model Using Capsule Network: Focusing on Korean Review Data

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Keywords: Capsule Network, Deep Learning, Convolutional Neural Network, Sentiment Analysis, Sentiment Classification Model, NLP

With the development of the Internet, it became important for enterprise to analyze online reviews which is based on text and to grasp the intention of customers. This is called sentiment analysis, and among sentiment analysis techniques, deep learning is a popular trend in recent years. In the text analysis task, which is based on deep learning, the use of the recursive neural network - based on sequence model - is dominant. However, in many studies, the performance of text classification is proved by using a convolutional neural network which is known to be useful for image processing. However, in the case of Korean data-based research, there is a lack of research using convolutional neural network. Thus, this research proposed the Korean sentiment classification model using the Capsule Network, which is recent algorithm based on the convolutional neural network, using the Korean review data. In addition, sentiment classification model based on a hierarchical attention network was learned and performance comparison with Capsule Network was made. As a result, they achieved high accuracy of about 93% and 94%, respectively. Therefore, this research confirmed that Capsule Network is useful in text and confirmed that Capsule Network based on convolutional neural network has higher accuracy than Sequence based model, Hierarchical Attention Network, in the Korean sentiment classification.

Predictors of teachers referral intention: Using the Theory of Planned Behavior

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Because students' mental health problems are getting serious, teachers role as gatekeeper become important. Although teachers can observe students emotional difficulties in close proximity, there is a limit to what teachers can directly help with students mental health problems. Therefore, it is critical to understand what would predict teachers referral intention, referring students to mental health professionals (e.g., psychologists, counselors, and psychiatrists). Theory of Planned Behavior (TPB, Ajzen, 1991) is a theory to predict people's intentions with attitude, subjective norms, perceived control. The purpose of this study was to investigate what variables predict teachers' referral intentions. The 368 teachers participated in survey, and the regression analysis confirmed that teachers attitude, subjective norm, and behavioral control predicted teachers referral intention. The 19% of the variances were accounted by the variables in this study.

Daytime Nap as a Factor of Happiness to Impact on Work Performance. Evidence from the United Arab Emirates

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Keywords: Happiness, Daytime Sleep, Nap, Performance, Well-Being,Organization.

Happiness at work is a new mantra of organizations that intend to link together the degree of employee satisfaction and the quality of work performed. Initiatives such as free management, creating fun or open work spaces or introducing the post of director of happiness, prove that the subject of employee satisfaction influences multiple employers. Although these initiatives may be right, they all adhere to the concept of increasing the level of happiness and well-being of employees by expanding their freedom, rights and opportunities or encouraging self-organization. But are organizations really able to make employees happy and as a result to increase companys productivity and profits? In the United Arab Emirates, where the authorities have achieved a very high standard of living of the population and consistently introducing modern technologies in various spheres of life and the economy, the term happiness has become one of the most important criteria and goals for the work of government agencies at various levels. The research study investigated the growing role of HRM through the prism of how daytime sleep or nap may impact on happiness statement of the employees. The outcomes are based on information collected from a detailed quantitative and qualitative data research of 200 respondents. Results proved that there is a significant correlation between happiness and nap.

TRACK B

ENGINEERING, TECHNOLOGY, COMPUTER AND APPLIED SCIENCES

The Performance Comparison Between Induction and Synchronous Machines as Generators for Power Plant Driven by Renewable Energy Sources

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At present, there is an increasingly widespread competition between the use of induction generators and synchronous generators on power plants driven by renewable energy sources, such as: wind, mini/micro hydro, tidal waves, etc. In general, this renewable energy sources have characteristics with power that always fluctuates following natural conditions. This proposed paper will analyze the performance comparison between the use of induction generators and synchronous generators in power plants driven by renewable energy sources. Comparisons are more focused on things that are very crucial for the operation of both types of generators on power plants with renewable energy sources, including: start-up process of voltage generation, harmonic behavior, reactive power behavior, and variation speed. This analysis is more focused on the operation of both generators in stand-alone conditions. The analysis results carried out in this paper have complemented the advantages of induction generators compared to synchronous generators that have been previously identified. During the start-up process, SEIG requires a minimum auxiliary battery. SEIG is more friendly than ISG in harmonic contamination, which is caused by non-linear and ELC loads. SEIG is a generator that is more suitable for renewable energy that volatile. However, SEIG always requires reactive power in every operation.

The Readiness Study of E-health Adoption among Regional Public Hospitals; An Empirical study in Indonesia

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The utilization of information technologies in the health sector has rapidly increased not only in developed countries but also in developing countries like Indonesia. Accordingly, this study aims to investigate the role of four readiness categories including core, structural, societal and engagement in adopting e-health in regional public hospitals in Indonesia. This proposed paper presents a quantitative research of the survey technique and has distributed self-administrated questionnaires to hospital information systems users in purposive sampling technique. The data obtained was analyzed using structural equation modeling and PLS 3.0 application. Finally, the study was carried out to answer in adopting e-health there was important factor influenced as identified as the readiness model of e-health implementation in public hospitals. There are some issues related to adopting e-heath in developing countries and public hospitals especially related to leaderships and funding. The research conclusion and the furher research related parties was described in final section of this paper

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