

CONFERENCE BOOK OF ABSTRACT PROCEEDING



Venue: Grand View Hotel, Hong Kong

Hong Kong

Date: June 16-17, 2018

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Book of Abstracts Proceedings

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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
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- 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

“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

Conference Chair

Email: Conferencechair.ani@gmail.com



CONFERENCE SECHDULE

ANISSH-ANIMH 2018

Venue: Grand View Hotel, Hong Kong

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

Day: Saturday

Date: June 16, 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 (June 16, 2018)

Presentation Session (10:00 am - 12:20 pm)

Venue: Room 1

Session Chair: Dr. Vincent

Track A: Business, Economics, Social Sciences and Humanities

Paper ID	Manuscript Title	Presenter Name
HKS-268-101	Validation of the Pictorial Questionnaire Based on Projective techniques	Yewon Lee
HKS-268-102	The Appropriateness and Effectiveness of Cross-aged Peer to Peer Mentoring in the Learning Environment	Cheryl Luczak
MBSHR-068-ANI103	ERP Critical Success Factors Role and Impact On Promoting Cross-Functional Integration	Supapich Wongchotewiriyakit

Track B: Engineering and Technology

HKE-268-101	Nanotechnology and Using Graphene for Water Desalination	Maziyar Sabet
HKE-268-102	Intersections across Art, Science, and Technology: Significant Shifts in History of Art Seulkee Kang	
MSEIT-068-HK02	Aberrant Oscillatory Brain Network in Schizophrenia: A Resting MEG Study	Chih-Che Chou

Track C: Medical Medicine and Health Study

HKM-268-102	Correlations on Nursing Students s Knowledge, Skills, Attitudes of Patient Safety and Patient Safety Management Practices	Jung-Ha, Park
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Lunch/Ending Note : (12:00 - 01:00 pm)



Conference Day 02 (June 17, 2018)

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





**International Conference on Management,
Business, Social and Humanities Research
(MBSHR)**

&

**International Conference on Multidisciplinary
Research in Science Engineering and
Information Technology (MSEIT)**

Venue: Grand View Hotel, Hong Kong

Conference Theme: Promoting the Innovation of Research for Better Service to the Society.

TRACK A

BUSINESS, ECONOMICS, SOCIAL SCIENCES AND HUMANITIES



ERP Critical Success Factors Roles and Impact on Promoting Cross Functional Integration

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Keywords: Erp, Erp Critical Success Factor, Organization Behavior, Change Agent / Sustainability, Continuous Improvement

There are only a few researches that are focus on ERP and its effects on cross-functional integration and none of them have stated clearly and comprehensively on what are needed to be done in order to let ERP reaches its full potential on enhancing cross-functional integration level. As a result, the objective of this research is to identify answers on why some ERP user organizations are successful in promoting cross-functional integration, while the others are not? Is CSF the root cause of different levels of firm cross-functional integration after ERP implementation? If yes, how they are put into practice so that it will enhance cross-functional integration. Multiple-case studies with in-depth interview technique is used with 55 respondents who are either ERP consultants or representatives from ERP user organizations. As a result of this study, the definition of ERP success in terms of cross-functional integration is proposed. Moreover, the result of this qualitative research shows that it is actually the individuals who are change agents that drive the ERP project to its full potential of unifying cross-functional departments. In addition, the pattern of characteristics of change agents and the empowering factors that can strengthen their capability are discovered. Furthermore, the study allows us to gain more insight on how organization have practically done to sustain or even improve cross functional integration through ERP systems overtime. The findings of this research should be able to trigger the new dimension of further development of theory about the relationship between ERP system and organization behavior as well as the further research on sustainability factors that could improve organization performance through ERP usage.

The Appropriateness and Effectiveness of Cross-aged Peer to Peer Mentoring in the Learning Environment

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Keywords: Mentoring, Business Education, Perceived Effectiveness

This four-year study seeks to identify and analyze the impact of a cross-aged peer mentoring program. The research addresses mentoring in business education and involves the use of undergraduate business students as mentors and role models for participating high school students. The research considers the impact of mentoring in business education and its effects on high school students perceived levels of future success in college, their level of comfort on a college campus and their perceived effectiveness in the development of student designed business plans. Through collaboration with local high schools and the National Foundation for Teaching Entrepreneurship, a mid-west university sponsored a series of workshops in which high school students were mentored by undergraduate business students. High schools were chosen both on income level and on the schools college readiness scores reported on a state database. Over a span of four years 167 high school students and 167 college students participated in these workshops. Data was collected from the peer-mentoring program participants and analyzed to determine the appropriateness and effectiveness of cross-aged peer mentoring in the field of business education. It was observed that mentoring increased high school students perceived level of future success in college, the perceived effectiveness of their business plan and their level of comfort on college campus. The data showed that students that had one or more immediate family members that attended college had higher levels of perceived success in college, felt more confident in the effectiveness of their business plan, and experienced higher level of comfort on a college campus at the start of the mentoring program as compared to students that did not have family members that attended college.

Validation of the Pictorial Questionnaire Based on Projective Techniques

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Keywords: Reliability,Cognitive,Pictorial Self-Report

The growth of the older population is considered as a global phenomenon and expected to further deepen social problems associated with population aging, such as isolation, poverty, and depression. Approaches for understanding or explaining the issues of the older age group should be diversified using appropriate analytic tools. However, many studies of measuring mental illness have primarily focused on assessing an objective questionnaire, usually in a highly structured, textual form which may not reflect cognitive impairment of the older adults who experience loss of vision and difficulty in concentration. The aim of this study is to provide a pictorial self-report scale using projective techniques and examine the validity of the tools. In this study, 301 persons over 65 years old who live in older households were surveyed from 1 January 2018 to 2 February. First, the content validity and reliability were evaluated by the assessment of the pictorial questionnaire. Second, the correlations between the text-based questionnaire and pictorial questionnaire are clarified, and the reliability of the pictorial questionnaire was evaluated. Third, ROC curve analysis was conducted to examine whether the pictorial questionnaire can replace the text-based questionnaire. As a result, the pictorial questionnaire has a close correlation with the text-based questionnaire. Our results contribute to suggest a new pictorial questionnaire that can be adapted for use with older age group who live in couple-only household and experience cognitive impairments. It is hoped that the results will provide a basis for further researches on psychological diagnoses using the projective techniques.

TRACK B
ENGINEERING AND TECHNOLOGY



Aberrant Oscillatory Brain Network in Schizophrenia: A Resting MEG Study

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Keywords: Connectivity, Psychotic, Auditory Hallucinations, Magnetoencephalography

Schizophrenia is a multidimensional psychotic disorder with notorious cognitive impairments. Individuals with schizophrenia (SPs) display a variety of psychotic symptoms (e.g. positive, negative and cognitive dimensions), which may be associated with altered brain connectivity. Due to its heterogeneous nature, it is controversial how psychotic symptoms impact on resting oscillatory activity in SPs, especially in low frequency bands (theta and alpha). Most of SPs experience auditory hallucinations (AH), which is the typical positive symptom. The present study aims to investigate the effects of AH on resting-state brain activity in fine-grained frequency bands using magnetoencephalography (MEG). We hypothesized that power of oscillatory activity in theta and alpha bands may vary with the severity of AH in SPs.



Nanotechnology and using graphene for water desalination

*Maziyar Sabet

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Keywords: Water Desalination, Nanotechnology, Graphene

While over 70 per cent of the Earth's surface is covered by water, most of it is useless for human drinking. Freshwater lakes, rivers and underground aquifers signify 2.5% of the world's entire freshwater source. Regrettably, as well as being rare, fresh water is very unequally disseminated. Augmented request for water is a worldwide issue. In many countries request is beyond normal reserves. Reasonable use of water, diminishing spreading losses and improved usage of recycled water to relieve the issue, however, water shortage is still available so desalination of seawater is mandatory. Graphene, a single sheet of carbon atoms, may provide the foundation for a new class of highly permeable membranes for water purification and desalination. Though atomically thin, graphene exhibits both exceptional mechanical strength and imperviousness to atoms as small as helium. High-density, subnanometer pores within graphene have the potential for ultra-fast water permeance and high solute rejection as the atomic thinness provides little resistance to flow yet sterically hinders the transport of solutes larger than the pores. The resulting two-dimensional, nanoporous membrane is predicted to exhibit orders-of-magnitude permeability and selectivity enhancement over existing separation membranes for processes such as desalination of sea or brackish water, water softening, or nanofiltration. This research is targeted that current desalination methods are not sufficient to develop water sources unless that the desalination technology has changed considerably. Nanotechnology and using graphene will convey desalination technology to meet the requirements in the near future. Recently, new practices have been technologically advanced recently by means of nanotechnology and using graphene for water desalination. This study will highlight the vision of water desalination for the near futures.



TRACK C
MEDICAL MEDICINE AND HEALTH STUDY



Correlations on Nursing Students s Knowledge, Skills, Attitudes of Patient Safety and Patient Safety Management Practices.

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Keywords: Patient Safety, Knowledge, Skills, Attitudes, Management

This study is a descriptive study conducted to investigate nursing students knowledge, skills, attitudes of patient safety and patient safety management practices. It is intended to serve as basic data in developing an education program for the enhancement of ability in nursing students patient safety competency. Survey data were collected from convenience sample of 293 fourth year nursing students who enrolled in four universities in Pusan metropolitan city and Gyeongsangbuk-do. Data were collected from April 26 to May 9, 2018. Collected data were analyzed for frequency, percentage, mean, standard deviation, Pearsons correlation using SPSS/WIN program. Subjects knowledge to patient safety was an average of 2.76 out of 5 points. The skills to patient safety was an average of 3.26. The attitudes to patient safety was an average of 2.78. The score of management practices to patient safety recorded of 4.13 out of 5 points. In terms of the correlation among subjects patient safety knowledge, skills, attitudes and patient safety management practices, significant correlation existed between skills and management practices ($r=.336$, $p<.001$), attitudes and management practices ($r=-.161$, $p =.006$). The development of educational plans to improve nursing students skills and attitudes for patient safety management was required.

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