

With many thanks to our Sponsors and Partners



TABLE OF CONTENTS

SCIENTIFIC COMMITTEE	5
ORGANIZING COMMITTEE	7
CONFERENCE TRACKS	8
CONFERENCE CHAIR MESSAGE	9
CONFERENCE SCHEDULE	10
Conference Day 02 (September 16, 2018)	12
TRACK A	13
BUSINESS, SOCIAL SCIENCE AND HUMANITIES	13
Monitoring of Plant Reproductive Phenology in the Tropical Lowland Forests of Palanan, Isabela, Philippines	14
Gender Differences in Korean Nudge Policy Preferences	15
Behavioral Insights for Reducing Plastic Bag Consumption	16
A Study on Cross-Border Leadership Behavior of Japans Outstanding Principals	17
How to Enhance the Spiritual Benefits of Jewellery on Women	18
TRACK B	19
ENGINEERING TECHNOLOGY & APPLIED SCIENCES	19
Viability and Co-Viability: Cellular Automata Approach and Applications	20
A Study on Ransomware Cryptographic Key Recovery Method through Analysis of Existing Recovery Cases	21
UP COMING EVENTS	22



Book of Abstracts Proceedings

All rights reserved. Without the consent of the publisher in written, no individual or entity is allowed to reproduce, store or transmit any part of this publication through any means or in any possible form. For obtaining written permission of the copyright holder for reproducing any part of the publication, applications need to be submitted to the publisher.

Disclaimer

Authors have ensured sincerely that all the information given in this book is accurate, true, comprehensive, and correct right from the time it has been brought in writing. However, the publishers, the editors, and the authors are not to be held responsible for any kind of omission or error that might appear later on, or for any injury, damage, loss, or financial concerns that might arise as consequences of using the book. The views of the contributors stated might serve a different perspective than that of the ANI.

Hong Kong | September 15-16, 2018

ISBN: 978-602-6421-34-0

Whats App Contact: 00971-56-5989114



SCIENTIFIC COMMITTEE

Social Sciences and Humanities		
Assoc. Prof. Doc Edgar R. Eslit	Dr. Lakshmikanth	
St. Michael's College/ English Dept., CAS, Philippines	Srishti International, India	
Mr. Mohd Azhar Bin Abdul Rahman	Assoc. Prof. Doc Sharifah Hayaati Syed Ismail	
Urban Development Authority of Malaysia (UDA),	University of Malaya.Kuala Lumpur, Malaysia	
Malaysia Assistant Professor Jitender Grover	M., D.: alst I on MENCALI	
-	Mr. Bright Lumor MENSAH	
University, Sadopur, Ambala (Haryana), India	Jilin University, School of International and Public Affairs (SIPA), China	
Assist. Prof. Doc Surendra Kansara	Associate Professor Melinda V. Abichuela	
Symbiosis Institute of Operations Management, India	Catanduanes State University/College of Business and	
Symbiosis institute of Operations Management, india	Accountancy/Virac, Catanduanes, Philippines	
Dr. Fararishah binti Abdul Khalid	· · · · · · · · · · · · · · · · · · ·	
	Head of department Odupitan Kolade Mattias Oshodi/Isolo Local Government, Nigeria	
Universiti Teknikal Malaysia Melaka, Malaysia Prof. Doc Golda Aira V. Crisostomo	Assistant Professor. Intekhab N Khan	
University of Santo Tomas, Philippines	MA. Jauhar University, Rampur, India	
Assistant Professor. Chulaporn Sota Dr. Halimah Mohamed Ali Via		
Khon Kaen University, Thailand	<u> </u>	
Assoc. Prof. Wong Ming Wong Prof. Erni Tanius Historica College of Tasks also Seemed Malacian Historica (School Malacian)		
University College of Technology Sarawak, Malaysia	University of Selangor, Malaysia	
Dr. Supaporn Chalapati		
-Shou University, Australia Universiti Utara Malaysia, Malaysia		
Assoc. Prof. Normala Daud	Prof. Nurul Wahida Binti Abdullah	
Universiti Teknologi Mara, Shah Alam, Selangor, Malaysia	Politeknik Muadzam Shah, Malaysia	
Dr. Sanad A. Alajmi	· · · · · · · · · · · · · · · · · · ·	
Public Authority for Industry, Kuwait	Industrial/ Organizational Psychology, Human Resource	
Tuble Hamority for industry, Hawait	Management, Philippines	
Dr. Firas Jamil Alotoum	Prof. Doc Taqee Ansari Mohammed	
Isra university, Jordan	Mak College of Pharmacy, India	
Assist. Prof. Doc Marcus Farr	Assoc. Prof. Yoshiki Nakamura	
American University Sharjah, UAE	Aoyama Gakuin University, Japan	
Assist. Prof. Huang Hsueh-Ju	Prof. Doc Bulent Acma	
Department of Distribution Management, Takming Uni-	Anadolu University, Turkey	
versity of Science and Technology, Taiwan	· · · · · · · · · · · · · · · · · · ·	
Dr. Alaa Elden Badawie Mahmoud Elkhodary	Assoc. Prof. Radulescu Irina Gabriela	
Faculty of Archaeology -Qena South Vally University,	Petroleum Gas University of Ploiesti Faculty of Eco-	
Egypt	nomic Sciences,Romania	
CV 1		



SCIENTIFIC COMMITTEE

Enineering and Technology		
Daniel Dasig Jr	Hafiz Muhammad Haroon	
University of Makati, Philippines	University of Agriculture Faisalabad Sub-Campus Bure-	
	wala, Vehari-Pakistan, Pakistan	
ANIL M. BISEN	Prof. Syed Zafar Abbas	
Anant National University, Ahmedabad, Gujarat, India	Aliz Educational Institutions, Pakistan	
Severino G. Alviento	Marife D. Alviento	
North Luzon Philippines State College, Philippines	North Luzon Philippines State College, Philippines	
Leslie G. Agbulos	Gee-Cheol Kim	
North Luzon Philippines State College, Philippines	Seoil University, Korea	
Patrick Cerna	LAL RAJA SINGH R	
Federal Technology Institute - University, Ethiopia	KIT-Kalignarkarunanidhi Institute of Technology, India	
Teodoro Macaraeg Jr.	Catherine P. Llena	
University of Caloocan City, Philippines	University of Caloocan City, Philippines	
Hafiz Gulfam Umar	Adenuga Kazeem	
Ghazi University, Pakistan	Admar Systems Technology, Nigeria	
Mohd Kamarul Irwan Abdul Rahim	Rajina	
Universiti Utara Malaysia, Malaysia	UUNITEN, Malaysia	

Health and Medical Sciences

Syed Zafar Abbas	Olga Avilova
Aliz Educational Institutions, Pakistan	Kharkiv National Medical University, Ukraine
Chellaram C	Olawunmi Muibat Omowunmi
College Of Applied Sciences, Oma	Moshood Abiola Polytechnic Ojere Abeokuta Ogun State
	Nigeria, Nigeria
Suman Madan Dayalbagh	Aliaksandr Spitsyn
Educational Institute, AGRA, India	Belorussian State Unaversity, Belarus
Chellaram Chinnachamy	Ayawo Adokou
College Of Applied Sciences, Oman	Adokou Electricals Limited, Senegal



ORGANIZING COMMITTEE

Dr. Vincent W Ho

Conference Chair

Email: conference.chair@ani.com

Ms Hungxin Li

Conference Supervisor

Email: Hungxin.Li@anissh.com

Febrialdy Hendratawan

Conference Supervisor

 $\pmb{Email}: febrial dy. hendratawan@aniceas.com$

Xiao.wei

Conference Coordinator

Email: Xiao.wei@animh.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

"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 SCHEDULE

ANISSH-2018

Venue: Grand View Hotel, Hong Kong

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

Day: Saturday

Date: September 15, 2018

Venue: Room 1

	09:10 am - 09:20 am	Introduction of Participants
	09:20 am - 09:30 am	Inauguration and Opening address
Ī	09:30 am - 09:40 am	Grand Networking Session

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



DAY 01 Saturday (September 15, 2018)

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

Venue: Room 1 Session Chair: Dr. Vincent

Paper ID	Manuscript Title	Presenter Name
	Track A. Rusiness Social Science and Humanities	

11 4011 11 2 40111000		
GACR-9-102	A Study on Cross-border Leadership Behavior of Japan's	Sun Xuemeng
	Outstanding Principals	
GACR-9-105	How to Enhance the Spiritual Benefits of Jewellery on	Rendy Ekarantio
	Women	
MBSHR-098-101	Gender Differences in Korean Nudge Policy Preferences	HaeNa Lee
MBSHR-098-102	Behavioral Insights for Reducing Plastic Bag Consump-	EunKyoung Lee
	tion	
RBEL-SEP18-HK-107	Monitoring of Plant Reproductive Phenology in the Trop-	Analinda C. Manila-Fajardo, PhD
	ical Lowland Forests of Palanan, Isabela, Philippines	

Track B: Engineering Technology & Applied Sciences

IETA-098-HK01	Viability and Co-Viability: Cellular Automata Approach	Abdes Samed Bernoussi
	and Applications	
GACR-9-112	A Study on Ransomware Cryptographic Key Recovery	Daeun Kim
	Method through Analysis of Existing Recovery Cases	

Lunch Break & Closing Ceremony: (01:00 pm - 02:00 pm)



Conference Day 02 (September 16, 2018)

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



TRACK A BUSINESS, SOCIAL SCIENCE AND HUMANITIES



Monitoring of Plant Reproductive Phenology in the Tropical Lowland Forests of Palanan, Isabela, Philippines

*Analinda C. Manila-Fajardo, PhD University of the Philippines Los Banos College, Laguna, Philippines Corresponding Email: amfajardo@up.edu.ph

Keywords: Tropical Forest, Phenology, Lowland, Palanan, Isabela

Phenological researches in tropical lowland forests in South East Asia are scarce despite being one of the most biodiversity rich places. The Philippines is a megadiverse country but also a biodiversity hotspot with only 22% of its total land area with intact forest cover. Here we present a two-year phenological survey of the tropical lowland forests in Palanan, Isabela, a site under the Philippine Long Term Ecological Research (PhiLTER). Proportions of individuals at reproductive stage are almost the same between trees of ¿ 5 cm and ¡ 5cm DBH surveyed from April 2016 to March 2017. On the second year, observations were focused on trees with DBHs of 5 cm. A total of 105 species from 74 genera and 42 families were observed to have entered a reproductive episode. All throughout the two-year monitoring, fruiting intensity was higher than flowering. Floral anthesis were slightly higher compared to buds. Fruit being more detectable may account to observations of high fruit set, a result of efficient pollination. Masting and general flowering events were not observed as these occur in irregular intervals. Only four dipterocarp species were identified to have entered a reproductive episode.



Gender Differences in Korean Nudge Policy Preferences

^{1*}HaeNa Lee,²David Oliver Kasdan
^{1,2}Sungkyunkwan University,Seoul, Republic of Korea
Corresponding Email: dokasdan@gmail.com

Keywords: Economic Utility, Policies, Theoretical Models

Nudges are policy innovations that seek to improve compliance or help people make better decisions based on empirical studies of behavior. Nudges are contrasted to policies that are designed according to theoretical models of standard economic utility maximization processes that assume people use perfect rationality for objective values. Nudges are intended to influence people to choose for better outcomes without violating their freedom of choice, recognizing that there are subjective values and alternative objectives in peoples decision processes. Nudges work by identifying prevalent biases in peoples behaviors and then matching the policy design to work with those biases, rather than against them with pure logical hardheadedness. The growth of nudge policies worldwide is raising many questions about the universality of application across cultures and demographics. While the findings of behavioral economics the foundation for nudge policy are well described in the research literature, there is still need to test the efficacy of various policies in different contexts. This research contributes to that effort by examining the differences of preference for a number of nudge policies according to the gender of respondents from a sample of Korean respondents. An online survey conducted in 2018 measured respondents approval of 38 hypothetical nudge policies that fell into seven topical groups. An analysis of significant differences between the genders of respondents found that Korean females were often more favorable to progressive nudge policies than Korean males. Situating the findings in a qualitative description of Korean society and modern dynamics, the research suggests opportunities for applying nudges in Korean society to optimize compliance with progressive policies and social welfare developments.



Behavioral Insights for Reducing Plastic Bag Consumption

*EunKyoung Lee Sungkyunkwan University,Republic of Korea Corresponding Email: eunkyoung22@gmail.com

Keywords: Korean Consumers, Environment, Utility

In April 2018, a plastic waste crisis began in Korea when recyclables were not collected in residential areas due to low business viability after China banned foreign imports of trash. In response, the Korean Ministry of Environment developed plans for various interventions to resolve the plastic waste crisis. In particular, plastic bags became a target as Korean consumers use about 420 plastic bags per person every year. Plastic bags are a convenient routine of the Korean shopping experience; however, plastic bags are also a critical threat to the environment. Accordingly, the Ministry issued a policy that severely restricts the availability of plastic bags starting this fall. Reducing Koreans use of plastic bags is an opportunity for policy innovations that can counter peoples biases for convenience. Behavioral economics, the study of individual choice outside the standard models of utility maximization, offers some insights for improving outcomes pertaining to this issue. Building from the results of a survey we recently conducted about hypothetical nudge policies in Korea, several kinds of behavioral insights are identified as effective for Korean society. This research takes those findings, along with other concepts of behavioral economics, for the application and optimization of the plastic bag restriction policy. Several different approaches are explored in conjunction with the policy in order to influence Korean consumers perception of plastic bag use. Ideally, this policy and the approaches may be extended to other environmentally unsustainable practices in Korea and Southeast Asia.



A Study on Cross-Border Leadership Behavior of Japans Outstanding Principals

*Sun Xuemeng
National Tsing Hua University
Corresponding Email: superxuemeng@163.com

Keywords: Principal Leadership, Cross-Border Leadership, Leadership Behavior

With the changes of the times and the development of society, the education field is constantly undergoing changes. The school operation also presents an open and pluralistic character. It constantly poses new requirements for the behavior of the principals leadership. The principals cross-border leadership ability is particularly significant. The purpose of this study is to explore some outstanding leadership behavior specifically in terms of creating a school vision, incentivizing the relevant talent, coordinating the community, leading the curriculum, and sharing education goals The objects of this research are mainly about five outstanding elementary schoolsprincipals. Research methods are mainly based on deep interview. Interviews were conducted with principals and relevant staff, supplemented with relevant observations and documentation to form a triangle inspection. The main findings include: Japans distinguished principals can create a school vision with a professional persistence and unite the consensus of the members; systematized interviews are concerned with the development of teachers, giving timely affirmation and individualized support; using the corporate management strategy to organize the community based on the development of students; leading the curriculum and teaching activities in a way that takes into consideration of both macro-leadership and micro-guidance; and promoting the common development between school and the local community by constructing community school. To some extent, this research makes up for the relative lack attention of principals from eastern countries by the previous International Successful School Principalship Project (ISSPP). It is suggested that countries and regions with similar cultural contexts could draw on some relevant experience of Japans principals, be prudent in localization, and incorporate multiple methods to continuously carry out related research, promote the advancement of related practical work, and improve relevant theoretical research.



How to Enhance the Spiritual Benefits of Jewellery on Women

*Rendy Ekarantio
Maharshi University of Spirituality, Goa
Corresponding Email:conferences@spiritual.university

Keywords: Spirituality, Jewellery, Spiritual Positivity

Background Jewellery has a special place in a womans life. Its value is usually determined by the emotional significance it has in her life, its attractiveness, and its monetary or prestige value. Traditionally, Indian women have been known to adorn more jewellery. The reason for this can be found in Indian culture, which is rooted in Spirituality. So, does jewellery have any spiritual value or significance? Methodology The team at the Maharshi University of Spirituality has 37 years of spiritual research experience and recently undertook a study on jewellery from a spiritual perspective. This research has been conducted by using aura and subtle-energy scanners along with the advanced sixth sense of its research team. Results/Findings It was found that any piece of jewellery emits its own unique subtlevibrations, which can be positive or negative and will accordingly affect the wearer. This is dependent on various factors such as the design, the materials used and the designers spiritual state. By experimenting with different jewellery designs and materials, it was found that the subtle-vibrations emitted by jewellery can be positively enhanced. For a woman, this means that accessorising herself with the right jewellery will not only make her look more beautiful, but more importantly it will enhance her spiritual positivity along with improving her mental state. Conclusion The valuation of jewellery is mostly limited to some worldly criteria. However, this paper sheds light on the importance of the spiritual valuation of jewellery, which once understood can potentially change consumer buying behaviour. Jewellery that emits positive vibrations provides spiritual protection from negative vibrations in the environment, thus facilitating the wearers spiritual practice and spiritual progress.



TRACK B ENGINEERING TECHNOLOGY & APPLIED SCIENCES



Viability and Co-Viability: Cellular Automata Approach and Applications

¹Abdes Samed Bernoussi, ²Mina Amharref ^{1,2}Faculty of Sciences and Techniques, Tangier,Morocco Corresponding Email: a.samed.bernoussi@gmail.com

Keywords: Viability, Co-viability, Cellular Automata

In this work we consider the concept of viability and co-viablity using cellular automata approach. The viability notion has been introduced by Aubin in [1, 2] and has been developed by many scientists. The principle consists in saying that a given state z_0 is K viable during a time interval I = [0, T], where K is a given subset of the state space, if the state $z(t; z_0)$ remains in K for all $t \in]0; T[$. Since the introduction of the viability notion it was used to study many applications related to environment, economic, political development phenomena... [1]. An extension to the distributed parameters systems, described par partial differential equations, is given by Aubin [1] in the global case (on all the spatial domain where the systems evolves). The regional case was considered by Bernoussi [5]. In some recent works an extension of the viability notion, the so called co-viability has been introduced to model some environmental/economical systems. The co-viability concept is introduced when we have some coupled dynamical systems, or a systems with many components. The principle consists in saying that the systems, or the system components, are co-viable if all of them are viable and their states satisfy a given relationship during all the time interval. A mathematical approache is given by El Jai et al. [8] and Bernoussi et al. [4]. In this work we consider the viability and co-viability using a cellular automata paroach. We introduce an adapted definition of the viables states or cells in the case where the system is decribed by cellular automata. Also we extend the definitions for the co-viability notion. As an example we consider the famous game of live introduced by conway in 1970 [3]. To illustate the coviability we consider an adpted example with two states evolving in the same lattice.



A Study on Ransomware Cryptographic Key Recovery Method through Analysis of Existing Recovery Cases

*Daeun Kim
Researcher ,KISA(Korea Internet & Security Agency)
Corresponding Email: whale53@kisa.or.kr

Keywords: Ransomware, Technologies, Recoverability

Every year new Ransomwares are appearing, such as Wannacry and Jaff, and the damage scale is increasing. Prevention such as data backup is important to defend Ransomware. So, AV companies and government agencies are more focused on prevention in advance. But research is needed into recovering ransomware infected file for the existing Ransomware victims and future victims. This paper analyzes the case of Ransomware being previously restored. We analyzed what technologies recovered Ransomware and refined them. By reviewing the existing recovery technologies, we will examine whether it can be applied to other Ransomware that has not been recovered so far. Finally, We summarize the processes of the currentlry recovered ransomware, We suggest a way to check the recoverability of the new Ransomware analysis.



UP COMING EVENTS

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

http://anissh.com/indonesia-conferences/

http://anissh.com/philippines-conferences/

http://anissh.com/malaysia-conferences/

http://anissh.com/conferences/south-africa-conferences/

http://anissh.com/conferences/singapore-conferences/

http://anissh.com/conferences/egypt-conferences/

http://anissh.com/conferences/thailand-conference/

http://anissh.com/conferences/turkey-conferences/

http://anissh.com/conferences/china-conferences/

http://anissh.com/conferences/uae-conferences/

http://anissh.com/conferences/hongkong-conferences/

http://anissh.com/conferences/south-korea-conferences/

http://anissh.com/conferences/taiwan-conferences/



Our Mission

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 inspiringminds in dialogue with the world around us.

Hong Kong

Organized By: Akademika Nusa Internasional