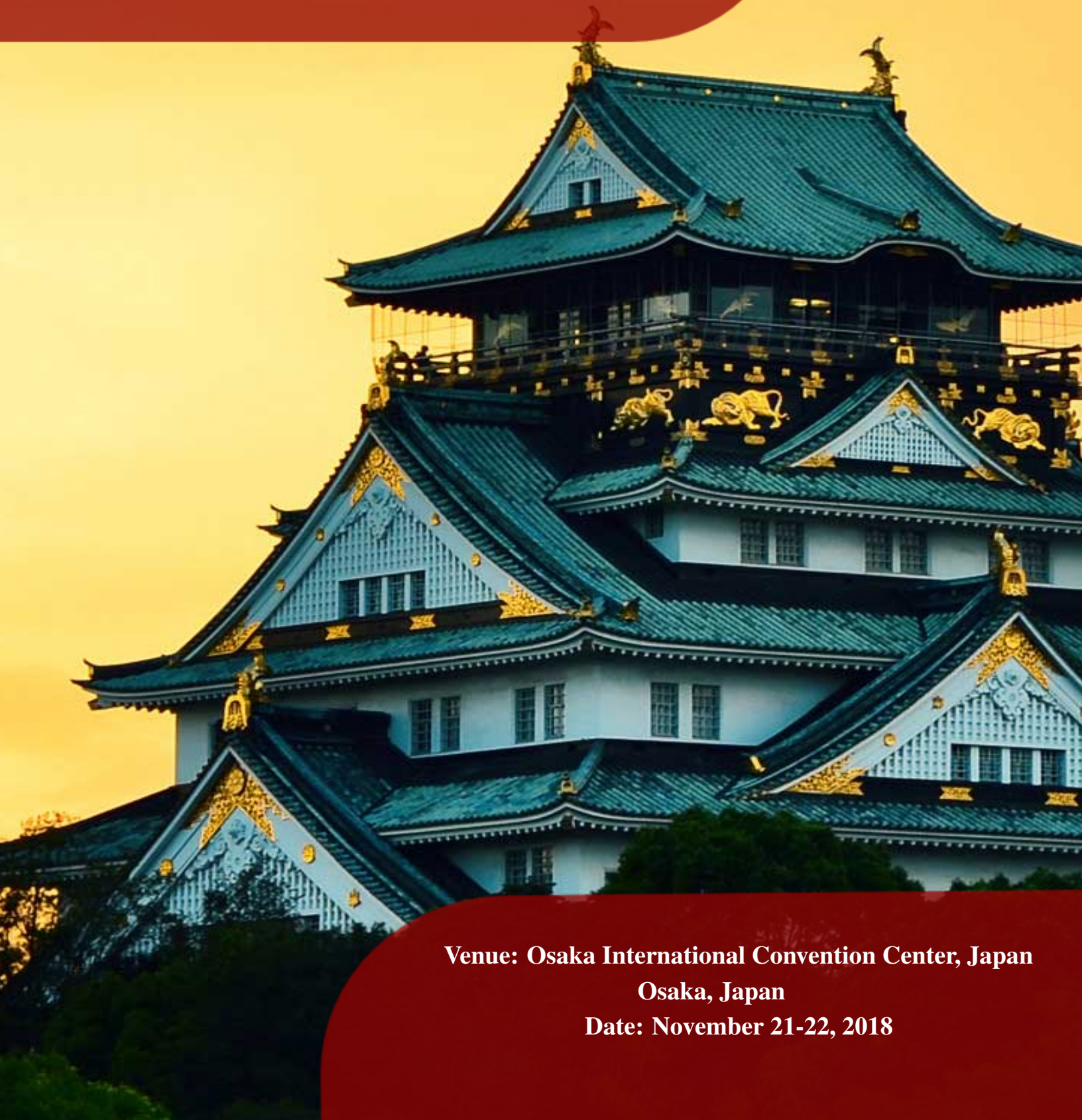


CONFERENCE BOOK OF ABSTRACT PROCEEDING



**Venue: Osaka International Convention Center, Japan
Osaka, Japan**

Date: November 21-22, 2018

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Book of Abstracts Proceedings

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CONFERENCE TRACKS

- Social and Community Studies
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- Food Science & Nutrition
- Agricultural sciences
- Interdisciplinary



CONFERENCE CHAIR MESSAGE

Dr. Vincent W Ho

“International Conference of Akademia 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 SECHDULE

ANISSH-2018

Venue: Osaka International Convention Centerr

Time: Registration & Kit Distribution (09:00 am - 09:30 am)

Day: Wednesday

Date: November 21, 2018

Venue: Room 1

09:30 am - 09:40 am	Introduction of Participants
09:40 am - 09:50 am	Inauguration and Opening address
09:50 am - 10:00 am	Grand Networking Session

Tea/Coffee Break (10:00 am - 10:30 am)



DAY 01 Wednesday (November 21, 2018)

First Presentation Session (10:30 am - 12:00 pm)

Venue: Room 1

Session Chair: Dr Vincent W Ho

Track A: Engineering Technology & Applied Sciences

Presenter Name	Manuscript Title	Paper ID
Pawan Jain	J-REIT Market Quality: Impact of High Frequency Trading and the Financial Crisis	MABES-NOV-101
Chiangnan Chao	Why so Many Chinese Students come to the U.S. for their Higher Education	MABES-NOV-105
Jungsun LEE	Incoterms as a Unified Rule for the Sale of Commodities	MABES-NOV-106
Park Hyowon	The Critical Remarks on Locative Constructions	MABES-NOV-107
Kurniawan	Development of Village Owned Enterprises (BUMDES) As A Solution to Achieve Mandiri Village	IRBEMSH-118-ANI101

Track B: Medical, Medicine and Health Sciences

Zakiah Samori	Establishment of the Shariah Framework for the Application of Somatic Gene Therapy in Human	SIN-1118-105M
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Track C: Engineering, Technology & Applied Sciences

Chitthiwa Thapnak	Product Development of Clear Glass Noodle by Direct Extrusion Process	REIMA-NOV18-103
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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: OSA-4118-103A

Chan Hee Lee

National Health Insurance Service Ilsan Hospital,

Dept Internal Medicine, South Korea



Conference Day 02 (November 22, 2018)

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



TRACK A
BUSINESS, ECONOMICS AND SOCIAL SCIENCES STUDIES



Development of Village Owned Enterprises (BUMDes) As A Solution to Achieve Mandiri Village

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Keywords: BUMDes, Village Government, West Java

Regional development strategies in Indonesia from the economic sector start from the lower community so that the central government expects that the village government (government bottom) has a business entity as a source of income that can support the economic growth of the community. The business entity is called BUMDes. But in fact the BUMDes are still underdeveloped and need the help of many parties. This research identifies problems that hinder the development of BUMDes and provides solutions to develop soon. The study was conducted in the West Java Province of Indonesia using the Analytic Network Process method. The results show that the main problem that impedes the development of BUMDes from the internal side is the lack of business management and institutional management, while from the external side is the competition of product marketing. While the internal solutions that can be used to solve these problems are partnerships with other parties and external solutions are the utilization of natural resource potential in the village.

J-REIT Market Quality: Impact of High Frequency Trading and the Financial Crisis

*Pawan Jain

University of Wyoming, USA

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Keywords: High Frequency Trading, J-REITs, Liquidity, Volatility, Intra-day, GARCH, Arrowhead, Financial Crisis, Tokyo Stock Exchange.

Using the introduction of Arrowhead low latency trading platform by Tokyo Stock Exchange as a natural experiment, I analyze the impact of high frequency trading on market quality of J-REITs, in terms of liquidity, volatility, and systemic risks. I also analyze the impact of the 2008 financial crisis. The results document that while the crisis has significantly deteriorated the market quality, the J-REIT markets were resilient. Further, the introduction of Arrowhead improved the J-REIT market quality but has also increased the probability of flash crashes. Finally, using difference-in-differences regression model, I show that since REITs have a higher transparency and better price discovery, they were much less affected by the financial crisis and Arrowhead as compared to non-REIT common stocks.



Why So Many Chinese Students Come to The U.S. For Their Higher Education

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Keywords: Cross Cultural Studies, International Students, Chinese Students in U.S.

This study focuses on why Chinese students come to the U.S. for their higher education. This student population plays a vital role in American colleges and universities, and provides a much needed source of financial revenue. The results indicate that Chinese students are seeking education with a worldview and opt to break from the Chinese system of learning. This article seeks to offer both academicians and university administrators a better understanding of the reasons of these Chinese students, and contributes to the knowledge area extant on this population



Incoterms as a Unified Rule for the Sale of Commodities

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Keywords: Web Parsing, House Price, Decision Tree, Random Forest, Japan

Unlike the sale of manufactured goods, commodity trading has a long history and is dominated by a small number of traders, making it difficult for outsiders to commodity trade. One such unique practice in commodity trade is string sales. The string sales refer to a form in which two or more contracts are linked to one cargo and the transactions are made on substantially the same specification, quantity and condition except for the price. Current Incoterms 2010 is attempting to apply Incoterms to the sale of commodities. However, the sale of commodities is an area of British law and customs dominated by GAFTA and FOSFA rather than Incoterms. Approximately 80% of the global grain trade uses GAFTA's and FOSFA's standard contracts, and disputes under the English law are submitted to GAFTA or FOSFA arbitration and final determination is made by these arbitration rules. In addition, these association contracts explicitly exclude Incoterms and CISG. Under this kind of situations, this study examines how international trade customs formed over a long period of time under GAFTA and FOSFA are different from Incoterms, so that we can guess that Incoterms can replace the British Law as a law for commodity trade and Incoterms can be a unified rule. In this context, this study examines the structure and characteristics of string sales, which are a unique structure of commodities, and analyzes GAFTA standard contracts to compare the implementation of delivery under related provisions of Incoterms when applied to commodity trading, and also examined how there is a distinction between the practice of UK trade and Incoterms. In addition, this study not only review the SGA as a governing law, but also verify GAFTA 100 used for grain and feed transactions, GAFTA 27 used for full cargo, and GAFTA 30 for less than full cargo, AND FOSFA 4 for oilseeds in bulk FOB Terms and FOSFA 11 for oilseeds CIF Terms. Regarding the standard contract, this study discussed the function of the standard contract with the SGA after discussing the product type, the origin of the goods, the grain handling type, and the shipping conditions. In addition, we analyzed the CFR and CIF terms in Incoterms that can transfer ownership by bill of lading. Based on these theoretical studies, this study analyzed the provisions related to commodity trading currently owned by Incoterms in order to examine the functions of Incoterms as the commodity trading rules. Finally, this study suggested the reasons why Incoterms is difficult to replace the British law designed by the commodity trading and what needs to be supplemented to overcome the limitations for Incoterms.

The Critical Remarks on Locative Constructions

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Keywords: Locative construction, Light verb, Causative feature. Ditransitive. Dative construction.

Locative Constructions and Dative Constructions have been regarded as third sentence type because of linear similarity. That is, the verb is followed by direct object and direct object is followed by prepositional phrase. Also, there is a additional similarity in these two constructions in that each construction can be converted into other construction through movement of two arguments. However, this is not enough to suppose that locative constructions should be analyzed the same as dative constructions. In addition, locative constructions have a parallel with double object constructions in case the locative constructions are turned into with-alternation constructions, showing similar linear order and semantic aspects. This is also not enough to assert that locative constructions should be analyzed the same as double object constructions. Besides, there is a need to use another new functional head for explaining locative constructions such as Focus Phrase and Topic Phrase based on the expansion of CP. Therefore, this paper wants to demonstrate that locative constructions are not similar to other two constructions but supposed to be considered distinctive constructions. Also, this paper will show how to analyze the locative constructions with new functional head and why it is necessary to use the way suggested by this paper.

TRACK B

MEDICAL, MEDICINES AND HEALTH SCIENCES



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

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Keywords: Somatic Gene Therapy, Shariah Framework, Islamic Principles.

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. 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. 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.

TRACK C

ENGINEERING, TECHNOLOGY & APPLIED SCIENCES



Product Development of Clear Glass Noodle by Direct Extrusion Process

^{1*}Chitthiwa Thapnak, ²Vilai Rungsardthong, ³Dudsadee Uttapap, ⁴Chureerat Puttanlek

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Keywords: Clear Glass Noodle, Extrusion Process, Modified Starch, Mung Bean Starch, Pea Starch

The traditional production of clear glass noodle is long and complicated processes. This research aimed to produce the clear glass noodle via direct extrusion by using mung bean starch (MBS) and other alternatives such as pea starch (PS), potato starch (PTTS), cassava starch (CS) and modified starch (MDS). Mung bean starch (MBS) was extruded in a single screw extruder via 0.5 mm of diameter die with 35% feed moisture content (wet weight basis) at screw speed 40 rpm and the third barrel temperature at 70, 80, 90, 100, 110, 120, and 130 C, respectively. Cooking time, cooking weight, cooking loss and noodle stability (time until the noodle tear in boiling water) were determined. The expansion ratio of the noodle was increased with the increased third barrel temperature of the extruder. The use of each starch for the noodle extrusion exhibited cooking weight: MBS (358.62%) follow by PTTS (255.76%), CS (188.33%), MDS (146.24%), and PS (133.56 %), respectively with cooking loss of 25.47% and 5.30% when PTTS and MDS were used respectively. Noodle stability was 8 min with the use of MBS, and MDS followed with PS (5 min), PTTS and CS (3 min), respectively. The use of mixture design program (Minitab 18) showed that the formula with 10-30% MBS, 60-80% PS, and 5-25% MDS with the third barrel temperature at 120 C exhibited high acceptable cooking quality and texture. The optimum ratio of clear glass noodle formula was MBS: PS: MDS at 12.93: 69.83: 17.23 by weight. The physical properties of the extruded clear glass noodle obtained were as following: hardness (13,250.98 g), adhesiveness (-41.72 g), springiness (0.96 g), cohesiveness (0.73 g), gumminess (10,264.99 g), and chewiness (9,886.52 g) with cooking time 2 min, cooking weight 162.09%, and cooking loss 8.82%. The extruded product indicated comparable physical properties to commercial product, with short 2 min rehydration time and 8 min for the noodle stability.

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outstanding contributions of individuals and organizations and also
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