

PROCEEDING



BIRE
Bali Institute of Research Excellence



RDBES-2018

**International Conference on
Impact of R & D on Business, Economics
and Social Sciences**

**The Howard Plaza Hotel Taipei
April 05-06, 2018**

CONFERENCE BOOK OF ABSTRACT PROCEEDINGS

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***International Conference on Impact of R & D on
Business, Economics and Social Sciences (RDBES)***

Venue: The Howard Plaza Hotel Taipei

Conference Theme: Innovative World: New challenges for research
and development.



SCIENTIFIC COMMITTEE

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CONFERENCE TRACKS

- Basic Science
- Civil Engineering
- Economics, Finance & Accounting
- Business Management
- Electrical Engineering
- Life Sciences
- Mechanical Engineering
- Medicine Sciences

CONFERENCE CHAIR MESSAGE

Dr. Ryan Feinstein

“International Conference of Bali Institute of Research Excellence” 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 and applied 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. Ryan Feinstein

Conference Chair

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CONFERENCE AGENDA

**Conference Name: International Conference on Impact of R & D on Business,
Economics and Social Sciences (RDBES)**

Day & Date: Thursday, April 05, 2018

Venue: The Howard Plaza Hotel Taipei

Timeline of Day 01

01:00 - 01:10 pm	Registration of Participants
01:10 - 01:20 pm	Introduction of Participants
01:20 - 01:30 pm	Inauguration and Opening address
01:30 - 01:40 pm	Grand Networking Session

Tea/ Coffee Break: 01:40 - 02:00 pm

DAY 01 Thursday (April 05, 2018)

Presentation Session (02:00 pm - 03:00 pm)

Venue: Room 1

Track A: Engineering, Technology and Applied Sciences

Paper ID	Manuscript Title	Presenter Name
DRICT-APR-TW101	A Usability Study for Human Failure Modes and Effects Analysis of the E-GATE System at Taoyuan International Airport	Tsung-Ying Yu
RDBES-APR-TW101	The Consistency of Market Dynamism and Firm Resources: The Influencer of Thais Business Competitive Advantage	Mr. Khorntawatt Sakhonkaruhatej
RDBES-APR-TW103	Value Analysis as an Impact Assessment Tool for Sustainable Projects Utilizing Sustainability Assessments System (SAS) Categories & Standards A Presentation Directed for Professionals in the Green Industries	Prof. Doc. Jamal A Alduaij

Closing Ceremony

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: TPM-148-101A
David C. Ho
Indiana University School of Medicine USA

Conference Day 02 (April 06, 2018)

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

TRACK A
ENGINEERING, TECHNOLOGY AND APPLIED SCIENCES

A Usability study for Human Failure Modes and Effects Analysis of the E-GATE System at Taoyuan International Airport

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³Yuan-ju Chou

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Keywords: E-GATE System, HFMEA, Registration Quality

In response to the increasing crowd flow management, the international airports around the world have been developing numerous innovative boarder management methods, and Taiwans government also emulate the E-GATE system which USA has utilized as the improvement to enhance the boarder safety management, with technological management to enhance the crowd flow management. Taiwans government has installed E-GATE system s at all major airports and ports to reduce the possible risk of mistakes for airport crowd flow management. However, the failure mode of E-GATE system will be bottlenecking point in the passenger clearance process at the airport, causing visitors to waste time on waiting line for the customs clearance time. This research used MDM, AHP and HFMEA to explore the relevant situations in the passenger operation of the E-GATE system for analysis. The results show that passengers using the E-GATE system accounted for 28.56% of total passengers for immigration and emigration. In the non-ideal factor analysis, 41.20% of visitors were not able to use successfully displaying in the non- Operating behaviors and non-practical application facets, so the potential human failure mode is the highest for immigration officials performing Passenger registration. In the first three failure modes of the evaluation system, facial photography occupies the highest weight of 18.00%, followed by fingerprint extraction 15.40% and facial occlusions 14.60%. Hence, the quality of the E-GATE system is critically dependent on the quality of the passenger registration process. Recommends that the Government require high registration quality to allow high performance and effective.



The Consistency of Market Dynamism, and Firm Resources: The Influencer of Thais Business Competitive Advantage

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Keywords: Market Dynamism, Firm Resources, Dynamic Capabilities Business Competitive Advantage

The study of business sector phenomenon had shown that the present business competition is experiencing unstable competitive environment. This is the primary reason why the business sector cannot use the previous concepts and theories to plan and formulate a competitive strategy. Therefore, this article to presents the concepts that tried to explain the current unstable competitive environment. This article is based on a literature review on fundamental theory, a Resource Based Views Theory that is the basis of firm resources concept, the concept of market dynamism and its consistency, the concept of business competitive advantage. According to the review, it has been found that business competitive advantage must rely on the consistency of market dynamism and firm resources as a driven variable influence to business competitive advantage. This is the consequence of applying the concepts and management concept to describe the today's business.



**Value Analysis as an Impact Assessment Tool for Sustainable
Projects Utilizing Sustainability Assessments System (SAS)
Categories & Standards A Presentation Directed for Professionals
in the Green Industries**

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Keywords: Analysis, Assessment, Sustainability

This paper is targeting professionals whom are concerned with the development of projects and looking forward to enhancing its planning, designing, launching, or even operating & maintaining phases. It presents Value Analysis as an impact assessment tool to deal with these activities for the said enhancement under the SAS categories as the main sustainability indicators in the green industry. The program presents the Value Analysis background and concept, systematically integrated with the said SAS categories and schemes.



UP COMING EVENTS

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

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society.*