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CONFERENCE PROCEEDINGS

BOOK OF ABSTRACTS ECBA-2017

**International Conference on
“Engineering & Technology, Computer, Basic and Applied
Sciences”
(ECBA-2017), Melbourne, Australia**



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Book of Abstracts Proceeding

**International Conference on
“Engineering & Technology, Computer, Basic and Applied
Sciences”
(ECBA-2017)
Melbourne, Australia**

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**International Conference on
“Engineering & Technology, Computer, Basic and
Applied Sciences”
Melbourne, Australia
Venue: Venue: Collective Campus
Address: Level 1, 20 Queen St, Melbourne VIC 3000**

ORGANIZING COMMITTEE

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CONFERENCE CHAIR MESSAGE

Dr. Malika Ait Nasser

International Conference on “Engineering & Technology, Computer, Basic & Applied Sciences” serves as platform that aims to help the scholarly community across nations to explore the critical role of multidisciplinary innovations for sustainability and growth of human societies. This conference provides opportunity to the academicians, practitioners, scientists, and scholars from across various disciplines to discuss avenues for interdisciplinary innovations and identify effective ways to address the challenges faced by our societies globally. The research ideas and studies that we received for this conference are very promising, unique, and impactful. I believe these studies have the potential to address key challenges in various sub-domains of social sciences and applied sciences.

I am really thankful to our honorable scientific and review committee for spending much of their time in reviewing the papers for this event. I am also thankful to all the participants for being here with us to create an environment of knowledge sharing and learning. We the scholars of this world belong to the elite educated class of this society and we owe a lot to return back to this society. Let’s break all the discriminating barriers and get free from all minor affiliations. Let’s contribute even a little or single step for betterment of society and welfare of humanity to bring prosperity, peace and harmony in this world. Stay blessed.

Thank you.

Dr. Malika Ait Nasser

Conference Chair

Email: chair2017@academicfora.com

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CONFERENCE PROGRAM

DAY 01 Saturday (January 07, 2017)

Welcome Reception & Registration

9:00– 9:30 am

Opening Ceremony (09:30 – 10:00 am)

Venue: Room 1

09:30 – 9:40 am	Introduction of Participants
09:40– 9:50 am	Welcome Remarks – Mr Metha Shahi Conference Coordinator Academic Fora
09:50 – 10.00 am	Group Photo Session

Grand Networking Session and Tea Break (10:00– 10:30 am)



DAY 01 Saturday (January 07, 2017)

Session 1 (10:30 am – 12:00 pm)

Venue: Room 1

Session Chair: Mr. Leon Yap

Track A: Business, Economics, Social Sciences and Humanities

MLS-117-101	The Effect of Government Hybrid Funds on IPO Underpricing in Emerging Markets: Evidence from the Korean Stock Market	Jinho Jeong
MLS-117-106	Cultural Support to Religious Leaders in Conflict Resolution Examples from Pashtun Community, Pakistan	Shakir Ullah

Track B: Engineering & Technology, Computer, Basic and Applied Sciences

MLE-117-103	Receptive Environmental Impact Assessment and Mitigation using GIS	Koorosh Gharehbaghi
MLE-117-106	Experimental Study on Thermo-Physical Properties of Functionalized Graphene Nanoplatelets and Carbon Nanotubesnanofluids:A Green Synthesis	Seyedeh Maryam Hosseini

Lunch Break (12:00 - 1:00pm)

Closing Ceremony

DAY 02 Sunday (January 08, 2017)

City Tour and Shopping Day

All respective guests are free to conduct their own sightseeing and tour. The second day of the event is reserved for this memorable purpose.



**TRACK A: ENGINEERING & TECHNOLOGY,
COMPUTER, BASIC & APPLIED SCIENCES**



Receptive Environmental Impact Assessment and Mitigation using GIS

Koorosh Gharehbaghi*

RMIT University, Melbourne, Australia

Abstract

Environmental Impact Assessment (EIA) is a procedure which serves to provide information to various planners, regulators, authorized bodies, and other interested parties including the general public about the proposed development and its effects on the environment and the immediate surroundings. Furthermore, Environmental Impact Assessment (EIA) and mitigation is the complete process of collecting, analyzing information and the determination of the application for development or construction approval, which could be accessible by the concerned communities and organizations. Although the set regulations of EIA and mitigation vary from state to state, however they are very precise and could be integrated with the specific geographical data. Moreover, Geographical Information System (GIS) is a system designed to capture, store, manipulate, analyze, manage and present all types of geographical data. GIS is the merging of cartography, statistical analysis and database technology and can then be broken down further into two different categories: Topological Modeling and Map Overlays. To ensure that environmental impact assessment and mitigation are receptive the GIS will provide the decisive tool. Using GIS not only improves the overall EIA and mitigation process, but also provides valuable mapping strategies, including holistic Environmental system approach. Accordingly, this paper will discuss the main advantages of GIS to further present responsive EIA and Mitigation processes.

Keywords: Environmental Impact Assessment (EIA), Geographical Information System (GIS), Environmental Systems Approach

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Experimental Study on Thermo-Physical Properties of Functionalized Graphene Nanoplatelets and Carbon Nanotubesnanofluids:A Green Synthesis

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Samira Bagheri⁴, Chew Bee Teng⁵

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Abstract

In order to eliminate the use of toxic acids in common carbon nanomaterial functionalization methods, a facile, eco-friendly and cost-effective procedure is introduced in this study to synthesize highly dispersed, covalently functionalized multi-walled carbonnanotubes (MWCNTs) and graphene nanoplatelets (GNPs) nanofluids. The MWCNTs and GNPs are treated covalently with clove buds in onepot using free radical grafting reaction. The clove-treated MWCNTs and GNPs (C-MWCNTs and C-GNPs) are then dispersed in distilled water (DI water) at the same concentrations of C-MWCNTs and C-GNPs (0.1 wt.%), resulting in C-MWCNT-DI water and C-GNPs-DI water nanofluids. The effectiveness of the functionalization process is then verified using Fourier transform infrared (FTIR) spectroscopy), ultraviolet-visible (UV-vis) spectroscopy and transmission electron microscopy (TEM). UV-vis spectroscopy is also used to examine the stability of the C-MWCNTs and C-GNPs in the base fluid. The thermal conductivity, density and dynamic viscosity of the C-MWCNT-DI water and C-GNPs-DI water nanofluids are studied experimentally, and the results show that there is significant thermal conductivity enhancement for the C-GNPs-DI water than C-MWCNT-DI water nanofluids, whereas there is only a slight increase in the viscosity and density of these nanofluids. Based on the results, it can be concluded that the eco-friendly C-MWCNT-DI water nanofluids have strong potential for use as effective working fluids in various heat transfer applications.

Keywords: Multi-Walled Carbon Nanotubes, Graphene Nanoplatelets, Clove, Nanofluids, Thermo-Physical Properties

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**TRACK B: BUSINESS, ECONOMICS, SOCIAL
SCIENCE & HUMANITIES**



The Effect of Government Hybrid Funds on IPO Underpricing in Emerging Markets: Evidence from the Korean Stock Market

Jinho Jeong*

Korea University

Abstract

IPO underpricing has been a subject of great interest for researchers. Previous studies have focused on the underpricing of private venture capital-backed IPOs. However, underpricing in government-backed IPOs has been largely ignored by mainstream academic researchers. In this study we aim to help fill this gap by investigating the pattern of IPO underpricing for government-backed IPOs in Korea. We analyzed the IPO price behavior of 278 newly listed firms on Korea Securities Dealers Automated Quotations during the period of 2009 through 2014. Empirical evidence shows that government sponsorship reduces the degree of asymmetric information in the IPO market by providing the certification role. In particular, the dual sponsorship of government and private VCs contributes most significantly to the reduction of information uncertainty in the IPO market.

Keywords: IPO Underpricing, Hybrid Fund, Information Asymmetry, Certification Role, Korea

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Cultural Support to Religious Leaders in Conflict Resolution Examples from Pashtun Community, Pakistan

Shakir Ullah*

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China

Abstract

This research study deals with the role of religious leaders in conflict resolution. A sample size of 361 respondents was selected in district Dir Lower TahsilMaidan through random sampling technique. Chi square X^2 statistics was used to determine the association between independent and dependent variables, beside sample frequency distributions. Majority of respondent (52.1%) stated that Religious leaders in Pashtun cultures are the symbols of peace. Similarly, more than two third of the respondents (70.9%) endorsed that religious leaders do resolve conflict by taking inputs from religious and cultural values as well. Most of the respondents (58.4%) opined that the participation of religious leaders are consider necessary in jirga/ culture base peacemaking. Furthermore, at bivariate level Religious leaders among Pashtun are considering customary leaders too ($P=.004$) was found significant with conflict resolution. Similarly Religious leaders have a strong influence over Pashtun costumes such as marriage and death ceremonies ($P=.001$) was also found significant with conflict resolution. The study concluded that religious leadership among Pashtun had always contributed positively in conflict resolution. Community intentionally involved them in their disputes because they were considered as honest, their soft power resources could bring a long lasting peace in the area. The study recommend that government should give more attention to involve religious leaders in conflict resolution and peace building process, this needs to integrate all sort of leadership at community level which would boast their level of understanding regarding each other.

Keywords: Religious Leaders, Cultural Endorsement, Jirga, Nanwaty

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FUTURE EVENTS

You can find the Details regarding our future events by following below:

Business, Economics, Social Science & Humanities (BESSH) Conferences:

<http://academicfora.com/buisness-conference-home/>

Engineering & Technology, Computer, Basic & Applied Science

<http://academicfora.com/engineering-conference-home/>

Medical, Medicine & Health Science

<http://academicfora.com/medical-conference-home/>

For paper publication:

You can contact at publication@academicfora.com

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