IARI 2018
Conference Proceeding
Book of Papers

2nd “Interdisciplinary Academic Research and Innovation” (IARI 2018)

Editor:

Dr Ahmad Saddam Ph.D., Country Director (Global Illuminators Iraq)

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Conference Chair Message

Farooq Ahmed Jam (PhD)

2\textsuperscript{nd} International Conference on “Interdisciplinary Academic Research And Innovation” (IARI-2018) serves as a 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 regional and global challenges faced by our societies. 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. The scholars attending this conference will certainly find it helpful in refining their own research ideas, finding solutions to basic/applied problems they face and interact with other renowned scholars for possible future collaborations.

I am really thankful to our honourable scientific and review committee for spending much of their time in reviewing the papers for this event, selecting the best paper awards and helping the participants in publishing their research in affiliated journals. Also, special thanks to all the session chairs from industry, academia and policy-making institutions who volunteered their time and support to make this event a success.

A very special thanks to the great scholars for being here with us as key note speakers. Their valuable thoughts will surely open the horizon of new research and practice for the conference participants coming from across the globe. 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.

Type of IARI Papers

For this year, IARI has two types of papers: Empirical Studies and Insight. Research papers meet the needs of researcher and reviewed on the basis of highest academic standards. The objective of the academic paper is to contribute in the scientific body of knowledge. Contrary, Inside papers meet the needs of policy makers and professionals and reviewed on the basis of high practical standards. The objective of the Insight is to identify the real world problems and how can solve with the help of information systems.
Reviewing Criteria

In IARI all papers are used to judge on the criteria (relevance, significance, originality, validity and clarity). However some criteria differ between the Research papers and Insight papers.

**Relevancy:** Relevancy has a great impact on the theme of the conference. The material is relevant and according to the theme of the conference.

**Significance:** Knowledge in different researches in the conference is related to research papers and insight papers.

**Originality:** Ideas that are new for the researchers are used in the conference.

**Validity:** Research papers in the conference are based on theory while the insight papers in the research are based on experimental researches. References are according to content.

**Clarity:** Papers are according to the format, language is easy and understandable by the audience in the conference.

Acceptance Rates

<table>
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<th>Full Research Papers</th>
<th>Submitted Papers</th>
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<td>11</td>
<td>7</td>
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<td>40.74%</td>
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Acknowledgment

A huge numbers of people helped in conducting the conferences. First of all thanks to all the members of the Conference and Program Committee and representatives of the IARI board and their helpers. We also want to thank all the Track Chairs, Track Co-Chairs and reviewers, as well as all the member of the Scientific Committee for their help in the review process and organizing the tracks and special sessions. We thank everyone for their hard work and dedication to this conference and we look forward to the latest episode of the IARI tradition.

Farooq Ahmed Jam (Ph.D.), Tariq Iqbal Khan (Ph.D.) and Muhammad Abbas (Ph.D.)

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IARI 2018 Keynote Speakers

Assoc. Prof. Dr. Ariffin Abdul Mutalib  
Schools of Multimedia Technology and Communication  
Universiti Utara Malaysia

Dr. Ariffin started his academic career as a tutor in 1999. He obtained his Master in Interactive Multimedia from Heriot-Watt University, Scotland in 2001 & PhD from UUM in 2009 and appointed as a lecturer in 2007 at same institution. Since 2002 until now, he has secured various research grants, funded nationally and internationally. Nevertheless, he has also been appointed as a consultant for projects by industry players. Not only he excelled in research works, his postgraduate supervision is also excellent. From his first PhD supervision in 2011, six of his students have graduated. He has published more than 30 articles in Scopus journals, and more than 15 articles in ISI journals. On top of that, he has also been appointed as a keynote speaker and invited speaker in various conferences. Now, he is serving as a Dean of the School of Multimedia Technology and Management, UUM Malaysia. His research interests include Interaction Design, Usability, Multimedia for teaching and learning, Emergent technology, and Game-based learning.

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Social Sciences and Humanities Studies

Farooq Ahmed Jam & Gusti Marliani  
Juhriyansyah Dalle & Deni Altin Tamin  
Ariffin Abdul Mutalib & Azhari

Business, Management and Economic Studies

Juhriyansyah Dalle & Anny Rimalia  
Rusdiyana & Ariffin Abdul Mutalib

Engineering and Technology Studies

Farooq Ahmed Jam & Masrudi Muchtar
Best Paper Nominee List

Establishment of a Liquid Chromatography/Tandem Mass Spectrometry (Lc-Ms/Ms) Assay for Quantification of Dihydroartemisinin in Plasma for Monitoring of Antimalarial Resistance

Dona Arlinda¹, Intan Sari Oktoberia², Muhammad Karyana³, Kesara Na-Bangchang⁴

¹,⁴ Thammasat University, Thailand

²,³ National Institute of Health Research and Development, Ministry of Health, Indonesia

Promoting the Craft Industry “Antemoro Paper” in Ambalavao Madagascar

Randrianarivony Miarintsoa Dina*

Universitas Padjadjaran, Indonesia

Master Student from Madagascar

Factors Affecting the Software Developer’s Performance

Bibhushan Raj Joshi*

Bandung Institute of Technology (ITB), Indonesia

Master Student from Nepal
IARI 2018 Best Paper Award Winner

Factors Affecting the Software Developer’s Performance

Bibhushan Raj Joshi*

Bandung Institute of Technology (ITB), Indonesia
Master Student from Nepal

List of IARI 2018 Academic Papers


ID: IARI-18-117
A Literature Review Analysis of Linear Programming Applications in Function Management
Maryna Kyrylchuk1*, Iendy Zelviean Adhari2, Arini Rivai3, Nurul Adli Suyud4, M. Fahrie Dwintara5
Universitas Padjadjaran, Indonesia
Master student from Ukrain

ID: IARI-18-119
Promoting the Craft Industry “Antemoro Paper” in Ambalavao Madagascar
Randrianarivony Miarintsoa Dina*
Universitas Padjadjaran, Indonesia
Master Student from Madagascar

ID: IARI-18-121
Factors Affecting the Software Developer’s Performance
Bibhushan Raj Joshi*
Bandung Institute of Technology (ITB), Indonesia
Master Student from Nepal

ID: IARI-18-140
The Effect of Employee Work Satisfaction on Organizational Commitment (Study in Pt. Fif Group Branch Martapura)
Muspiron*
University of Lambung Mangkurat, Banjarmasin, Indonesia
2. Social Sciences & Humanities

ID: IARI-18-118
Reducing Global Warming and Stopping Unnecessary Pollution through Regulating and Levying Private Transport Means in Bandung
*Mutebi Denis*
Universitas Padjadjaran Bandung, Indonesia
Master Student from Uganda

ID: IARI-18-124
The relationship of crime to society in the countries of Asia and the Arabs
*Mohammed Hamed Mohammed Alehirish*
Sunan Ampel State Islamic University Surabaya, Indonesia
Master Student from Libya

ID: IARI-18-126
A Comparative Study on Attitude of Youth towards Drinking Alcohol A Case Study in Vientiane (Laos) and Surakarta (Indonesia)
*Xaixana Chanthavong*
Sebelas Maret University, Indonesia
Master Student from Laos

ID: IARI-18-128
A Case Study on Dialogues Translation in Indonesian Version Pride and Prejudice: From Perspectives of Conversational Implicature
*Liwenlin*
Universitas Sebelas Maret, Indonesia
Master Student from China

ID: IARI-18-134
The Influence of Motivation and Work Environment on Employee Performance Bank Kalsel Branch Batulicin, South Kalimantan
*Muhammad Nasir*
Lambung Mangkurat University, Banjarmasin, Indonesia
3. Health and Medicine Studies

ID: IARI-18-103
Establishment of A Liquid Chromatography/Tandem Mass Spectrometry (Lc-Ms/Ms) Assay for Quantification of Dihydroartemisinin in Plasma for Monitoring of Antimalarial Resistance
Dona Arlinda1*, Intan Sari Oktoberia2, Muhammad Karyana3, Kesara Na-Bangchang4
1,4 Thammasat University, Klonglung, Thailand
1,2,3 National Institute of Health Research and Development, Ministry of Health, Jakarta, Indonesia

4. Regional and Religious Studies

ID: IARI-18-120
Rumi’s Philosophy of Religion
Mukhtar Hussain Qadeerzada*
UNIKOM, Indonesia
Master student from Afghanistan

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