This file has been cleaned of potential threats.

If you confirm that the file is coming from a trusted source, you can send the following SHA-256 hash value to your admin for the original file.

3c1295529b790c9a0ec2b7561b2bda1137503279d47241f9b232ef068dc0cf29

To view the reconstructed contents, please SCROLL DOWN to next page.



# International Academic Multidisciplines Research Conference

# PROCEEDINGS

Organized

ICBTS Conference Center

PA, USA,

**International Academic Multidisciplinary Research Conference 2024** 

## **Proceeding of**

### INTERNATIONAL ACADEMIC MULTIDISCIPLINARY RESEARCH CONFERENCE IN SEOUL 2024

Seoul, South Korea 17 – 20 March 2024

# **ICBTS 2024**



Edited by Kai Heuer, Wismar University, Germany Chayanan Kerdpitak, IBEST Conference & Publication, USA Nitaigour Premchand Mahalik, California State University, Fresno, USA Bob Barrett, American Public University, USA Vipin Nadda, University of Sunderland, United Kingdom Kelum Gamage, University of Glasgow, UK Wan-Hsuan Yen, National Taiwan Normal University, Taiwan Maria Assif, University of Toronto, Canada

> Conference Series 3: ICBTS 2024 Seoul ISBN 978-616-497-555-7 (electronic book)

## **Conference Proceedings**

### INTERNATIONAL ACADEMIC MULTIDISCIPLINARY RESEARCH CONFERENCE IN SEOUL 2024

Seoul, South Korea 17 – 20 March 2024

# **ICBTS 2024**

Organized by

ICBTS Conference Center & IJBTS International Journal of Business Tourism and Applied Sciences

In Academic Scholars Cooperation with









Wismar University

California State University, Fresno

SSRU University National Taiwan normal University













Sponsored by





Thai Airways International



British Academy of Management





Abstracting and nonprofit use of the material is permitted with credit to the source. Instructors are permitted to photocopy isolated articles for noncommercial use without fee. The authors have the right to republish, in whole or in part, any publication of which they are an author or editor, and to make other personal use of the work. Any republication or personal use of the work must explicitly identify prior publication in Proceedings of Abstracts and Papers (on CD-ROM or flash drive) of the International Academic Multidisciplines Research Conference, International Social Sciences Humanities and Education Research Conference, International Tourism Transport and Technology Research Conference (C.Kerdpitak, K. Heuer, E. Soltani, Editors) including the page numbers.

Proceedings of Abstracts and Papers (on CD-ROM or flash drive and online) of The International Academic multidisciplinary research conference in Seoul 2024

#### Copyright©2024

By Dr. Chayanan Kerdpitak & Professor Dr. Kai Heuer ICBTS Institute Conference Center & IJBTS International Journal of Business Tourism and Applied Sciences

All rights reserved

All papers in the proceedings have been peer-reviewed by experts in the respective fields responsibility for the contents of these papers rests upon the authors.

ISBN: (978-616-497-555-7) electronic book

Published by ICBTS Conference & Ibest Publication

225 Wilmington, West Chester Pike,

Chadds Ford, PA 19317, USA

#### **INTRODUCTION**

We would like to welcome our colleagues to the International Academic Multi disciplines Research Conference. It is the four series in 2024 Conference on Business Education Social Sciences Tourism and Technology was held in Switzerland. As always many members of the ICBTS 2024 community look forward to meeting, sharing, and exchanging their research ideas and results in both a formal and informal setting which the conference provides. Likewise, the concept of alternating the international conference every one month from January to December between Europe and the rest of the world is now well established. This year's event in Tokyo (Japan), Venice (Italy), Seoul (Korea), Fukuoka (Japan), Hokkaido (Japan), Hong Kong (China), Munich (Germany), Amsterdam (Netherlands), Vienna (Austria), Munich (Germany) and others continues with the cultural following the very successful and productive event held in Venice, Japan, and another in the field of various types of international academic research conference on Business Education Social Sciences Humanities and Technology. As usual, The ICBTS 2024 brings together leading academics, researchers, and practitioners to exchange ideas, views, and the latest research in the field of Business Tourism and Apply Sciences.

The theme of this event The 2024 ICBTS International Academic Multidiscipline Research Conference is "Opportunities and Development of Global Business Economics Social Sciences Humanities and Education" It also represents an emerging and highly challenging area of research and practice for both academics and practitioners alike, The current industrial context is characterized by increasing global competition, decreasing product life cycles, Global Business, Tourism Development, Social Sciences Humanities Education Apply Sciences and Technology collaborative networked organizations, higher levels of uncertainties and, above all, and customers. In our view holding this event in Lucerne represents a timely opportunity for academics and researchers to explore pertinent issues surrounding Business Economics Tourism Social Sciences Humanities Education Sciences and Technology.

Potential authors were invited to submit an abstract to the International Conference Session Chairs. All abstracts were reviewed by two experts from the International review committee and final papers were further reviewed by this volume with 60 contributing authors coming from 12 countries. This book of proceedings has been organized according to the following categories:

- Technology
- Information Technology
- Advanced Technology
- Industrial
- Business & Economic
- Social Sciences
- Education & Teaching
- Sciences & Technology

#### **INTERNATION ADVISORY COMMITTEE**

#### **Academic Advisory Chairs**

#### Prof. Dr. Kai Heuer

Wismar University of Business School, Germany Studiengangsleiter Master Betriebswirtschaft ABWL/Controlling Hochschule Wismar Fakultät für Wirtschafts wissenschaften Philipp-Müller-Str. 14 23966 Wismar Haus 19, Raum 113 Email: conferenceteam@icbtsconference.com

#### Academic Advisory Chairs

**Prof. Dr. Nitaigour Premchand Mahalik,** California State University, Fresno, USA Email: conferenceteam@icbtsconference.com

#### **Conference Coordinator**

Asst.Prof.Dr. Chayanan Kerdpitak ICBTS Conference &Publication Pennsylvania, USA Tel. 087 0287 287 (International Phone) Email: conferenceteam@icbtsconference.com

#### Proceeding Editors Prof. Dr. Bob Barrett, American Public University, USA Email: conferenceteam@icbtsconference.com

#### Proceeding Editors & Co-Program Chair Dr. Vipin Nadda University of Sunderland, United Kingdom Email: conferenceteam@icbtsconference.com

#### INTERNATIONAL COMMITTEE

#### INTERNATIONAL ADVISORY COMMITTEE

Wittaya Makkham, Suan Sunantha Rajabhat University, Thaland Bob Barrett, American Public University USA Jose G. Vargas-Hernandez, Universidad de Guadalajara, Mexico Gilbert Nartea, Lincoln University of Canterbury, New Zealand Lee Li, York University, Canada Hiromi Ban, Fukui University of Technology, Japan Vipin Nadda, University of Sunderland, London UK Bahadir Gulsun, Yıldız Technical University, Turkey Ali Fuat Guneri, Yıldız Technical University, Turkey Hen Friman, Holon Institute of Technology, Isareal Mohammad Bader Al-Badarneh, Amman University Jordan Douglas J Marshall, USA, Southern University, New Orleans, USA. Raef Jiries Assaf, Devry University, Corona USA. M. Emre ERGÜL, İzmir Ekonomi University, Turkey Cormac Doran, Institute of Technology Blanchardstown, Ireland Maria Assif, University of Toronto, Canada Wan-Hsuan Yen, National Taiwan Normal University, Taiwan Kelum Gamage, University of Glasgow, UK Napaporn Khantanapha, Southeast Asia University, Thailand

#### ACADEMIC REVIEW COMMITTEE

Kai Heuer, Wismar University of Business School, Germany Jose G. Vargas-Hernandez, Universidad de Guadalaiara, Mexico Nitaigour Premchand Mahalik, California State University, Fresno, CA USA. Chayanan Kerdpitak, ICBTS Conference & Publication, USA. Gilbert Nartea, University of Canterbury, New Zealand Maria Assif, University of Toronto, Canada Wan-Hsuan Yen, National Taiwan Normal University, Taiwan Kelum Gamage, University of Glasgow, UK Hiromi Ban, Fukui University of Technology, Japan Vipin Nadda, University of Sunderland, London UK Bahadir Gulsun, Yıldız Technical University, Turkey Ali Fuat Guneri, Yıldız Technical University, Turkey Hen Friman, Holon Institute of Technology, Isreal Douglas J Marshall, USA, Southern University, New Orleans, USA. Raef Jiries Assaf, Devry University, Corona USA. Asst Prof. Dr. M. Emre ERGÜL, İzmir Ekonomi University, Turkey Cormac Doran, Institute of Technology Blanchardstown, Ireland Bob Barrett, American Public University USA

**ORGANIZING BY** ICBTS Conference Center, USA.

# 2024 ICBTS CONFERENCE SEOUL PROGRAM

The 2024 ICBTS International Multidiscipline Research Conference	
18 Mar 2024	<b>REGISTRATION &amp; WELCOME</b>
09.00 - 10.00	Welcome meeting at the Grand Hyatt Incheon Hotel
	Associate Prof. Dr. Chutikarn Sriviboon
	President of Suan Sunandha Rajabhat University
	Assistant Prof. Dr. Akapong Inkuer
	Dean of Faculty of Fine and Applied Arts, Suan Sunandha Rajabhat University
	Professor Dr. Kai Heuer
	Wismar University of Business School, Germany
	Associate Prof. Dr. Vipin Nadda
	University of Sunderland, England
	Associate Prof. Dr. Kelum Gamage
	University of Glasgow, UK
	Associate Prof. Dr. Wan-Hsuan Yen
	National Taiwan Normal University, Taiwan
	Professor Dr. Lee Li
	York University, Canada
	Professor Dr. Nitaigour Premchand Mahalik,
	California State University, Fresno, CA, USA
	Associate Prof. Dr. Maria Assif
	University of Toronto, Canada
	Associate Prof. Dr. Napaporn Khantanapha
	Southeast Asia University, Thailand