

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.

274e0f23e92e3732a7bf5099b40b87bc4cab574331f1479ca514a3bac05ba126

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

International Academic Multidisciplinary Research Conference 2024

Proceeding of

**INTERNATIONAL ACADEMIC MULTIDISCIPLINARY RESEARCH
CONFERENCE IN HOKKAIDO 2024**

*Hokkaido, Japan
25 – 28 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 Hokkaido
ISBN 978-616-497-555-7 (electronic book)

Conference Proceedings

INTERNATIONAL ACADEMIC MULTIDISCIPLINARY RESEARCH CONFERENCE IN HOKKAIDO 2024

*Hokkaido, Japan
25 – 28 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



Southeast Asia University



UNIVERSITY OF
TORONTO



University of
Sunderland



Sponsored by



Published by ICBTS Conference & Ibest Publication
225 Wilmington, West Chester Pike,
Chadds Ford, PA 19317, USA

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 Hokkaido 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
Studiengangleiter 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, Thailand
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
Bahadır Gulsun, Yıldız Technical University, Turkey
Ali Fuat Guneri, Yıldız Technical University, Turkey
Hen Friman, Holon Institute of Technology, Israel
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 Guadalajara, 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
Bahadır Gulsun, Yıldız Technical University, Turkey
Ali Fuat Guneri, Yıldız Technical University, Turkey
Hen Friman, Holon Institute of Technology, Israel
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 HOKKAIDO PROGRAM

The 2024 ICBTS International Multidiscipline Research Conference	
26 March 2024 13.00 – 14.00	REGISTRATION & WELCOME Welcome meeting at the ANA Crown Plaza Hotel Chitose
	Associate Prof. Dr. Chutikarn Sriviboon President of Suan Sunandha Rajabhat University
	Dr. Martusorn Khaengkhan Director of General Education & Innovative Electronic Learning Department, 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