

International Academic Multidisciplines
Research Conference

PROCEEDINGS



International Academic Multidisciplinary Research Conference 2025

Proceeding of

INTERNATIONAL ACADEMIC MULTIDISCIPLINARY RESEARCH CONFERENCE

Hokkaido, Japan 24 – 28 March 2025

ICBTS 2025



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

Conference Series 1: ICBTS 2025 Madrid ISBN 978-616-616-375-9 (electronic book)

Conference Proceedings

INTERNATIONAL ACADEMIC MULTIDISCIPLINARY RESEARCH **CONFERENCE**

Hokkaido, Japan 24 – 28 March 2025

ICBTS 2025

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

University of Sunderland

Sponsored by





Published by ICBTS Conference & 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 Multidisciplinary Research Conference, International Social Sciences Humanities and Education Research Conference, International Tourism Transport and Technology Research Conference (C. Kerdpitak, K. Heuer, V. Nadda 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 2025.

Copyright@2025

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 field responsibility for the contents of these paper rests upon the authors.

ISBN: (978-616-616-375-9) electronic book

Published by ICBTS Conference & 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 nine series in 2025 Conference on Business Education Social Sciences Tourism and Technology was held in Vienna. As always many members of the ICBTS 2025 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 Beijing (China), Oslo (Norway), Zurich (Switzerland), Madrid (Spain), Danang (Vietnam), Hokkaido (Japan), and others continues with the cultural following the very successful and productive event held in Oslo, Norway, 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 2025 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 2025 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 10 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: icbtscon@gmail.com

Academic Advisory Chairs

Prof. Dr. Nitaigour Premchand Mahalik,

California State University, Fresno, USA

Email: icbtscon@gmail.com

Conference Coordinator

Asst.Prof. Dr. Chayanan Kerdpitak

ICBTS Conference & Publication Pennsylvania, USA Tel. 087 0287 287 (International Phone) Email: icbtscon@gmail.com

Proceeding Editors

Prof. Dr. Bob Barrett,

American Public University, USA Email: icbtscon@gmail.com

Proceeding Editors &

Co-Program Chair Dr. Vipin Nadda

University of Sunderland, United Kingdom

Email: icbtscon@gmail.com

INTERNATIONAL COMMITTEE

INTERNATIONAL ADVISORY COMMITTEE

Bob Barrett, American Public University USA

Wittaya Makkham, Suan Sunantha Rajabhat University, Thailand

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, Devry University, Corona USA.

M. Emre ERGÜL, İzmir Ekonomi University, Turkey

Cormac Doran, Institute of Technology Blanchardstown, Ireland

Maria Assif, University of Toronto, Canada

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.

Maria Assif, University of Toronto, 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, Isreal

Douglas J Marshall, USA, Southern University, New Orleans, USA.

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.

ICBTS CONFERENCE MADRID PROGRAM

The International Multidiscipline Research Conference	
24 Mar 2025	REGISTRATION & WELCOME
14.00 – 16.00	Welcome meeting at ANA Crowne Plaza Hotel
25 Mar 2025	WELCOME ADDRESS
08.30 - 08.45	Prof. Dr. Hiromi Ban, Nagaoka University, Japan
	Session Sapporo Room
08.45 -12.00	
12.01-13.00	
13.01-16.00	
16.01	Close Conference
	Session Tokyo Room
08.45 -12.00	
12.01-13.00	
13.01-16.00	
16.01	Close Conference
26 Mar 2025	WELCOME ADDRESS
08.30 - 08.45	Prof. Dr. Hiromi Ban, Nagaoka University, Japan
	Session Sapporo & Tokyo Room
08.45 -12.00	
12.01-13.00	
13.01-16.00	
16.01	Close Conference
27 Mar 2025	Discussion for developing research for academic, students and entrepreneurship
08.00 – 16.00	Prof. Dr. Hiromi Ban, Nagaoka University, Japan
28 Mar 2025	
08.00 – 16.00	Participants go to join travel to cultural of Spain
16.01	Close Conference

The schedule will be changed to suit the current situation.