

International Conference on Business Analytics in Practice 2024

Sustainability and Net-Zero Analytics

College of Business Administration, University of Sharjah, UAE

For more details: www.sharjah.ac.ae/icbap

Organizers



Sponsors



January 8-11, 2024

ICBAP2024 INTERNATIONAL CONFERENCE ON BUSINESS ANALYTICS IN PRACTICE

January 8-11, 2024
College of Business Administration
University of Sharjah
Sharjah
UAE

Dear ICBAP2024 Conference Participants,

We are delighted to extend our warmest welcome to all participants of the *International Conference on Business Analytics in Practice* (ICBAP2024)! This conference is designed to bring together thought leaders, practitioners, and students from all over the world to discuss the latest trends and innovations in business analytics. This prestigious event, co-organized by the College of Business Administration (CoBA) at the University of Sharjah (UoS) and the Centre for Business Analytics (CBAP) at Surrey Business School, UK, is held from January 8-11, 2024, at the UoS campus.

Business analytics is a rapidly growing field that is transforming the way businesses operate. From marketing and sales to finance and operations, businesses are using data to make better decisions, improve efficiency, and gain a competitive edge.

We are confident that this conference will provide you with valuable insights and opportunities to connect with other professionals and academics in this field. We have a great lineup of speakers, including industry experts, academics, and thought leaders. We also have a doctoral consortium and a variety of sessions, such as a journal editorial panel and networking events.

We encourage you to take advantage of all that this conference has to offer. Ask questions, network with other attendees, and learn as much as you can. We are sure that you will leave this conference inspired and equipped to take your business analytics skills to the next level.

We would like to thank His Highness Sheikh Sultan bin Ahmed bin Sultan Al Qasimi, Deputy Ruler of Sharjah and President of the University of Sharjah, for presiding over this conference, His Excellency Professor Hamid M.K. Al Naimiy, Chancellor of the University of Sharjah, for his guidance and support, and our Sponsors (Invest Bank and BHM Capital) for their immense support of this conference. Without their generosity, this event would not have been possible.

We look forward to seeing you all at the conference!

Professor Ilhan Ozturk,
Professor Ali Emrouznejad,
Professor Panagiotis (Panos) Zervopoulos

CONFERENCE COMMITTEE

CONFERENCE ORGANIZERS:

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Ali Emrouznejad, Professor and Director, Centre for Business Analytics in Practice, Surrey Business School, University of Surrey, Guildford, UK

Ilhan Ozturk, Professor and Dean of the College of Business Administration, University of Sharjah, Sharjah, UAE

Panagiotis (Panos) Zervopoulos, Associate Professor and Director of Graduate Programs (Ph.D.), College of Business Administration, University of Sharjah, Sharjah, UAE

LOCAL ORGANIZING COMMITTEE

University of Sharjah, UAE

.....

Professor Ilhan Ozturk

Professor Hussein Al Tamimi

Professor A Aziz Bin Jaafar

Professor Panagiotis (Panos) Zervopoulos

Professor John Rice

Dr. Narjes Haj Salem

Ms. Salwa Mohamad El-Nassar

Mrs. Aaasha Ahmed Al Mehrezi

Mrs. Huda Qayed

Mr. Muhammad Amjad Maqsood

Ms. Fatima Hassan Sajwani

Mr. Rafat Alaa Aldin Al Athmay

Mrs. Eman Abdalla AlZarooni

Mrs. Khawla Abdulqader AlShamsi

Mrs. Noora AlShamsi

Mrs. Hiba Keisse

Mr. Subair Beeravu

Mr. Arif Kunnath

Mr. Ali Abdul Raouf Herbawi

CONFIRMED INVITED SPEAKERS / PANELISTS:

.....
Professor Shuang Ren, Director of Diversity, Equality, Inclusion and Belonging, Queen's Business School, Queen's University Belfast (UK)

Professor Soumyadeb Chowdhury, Professor in Information Systems Management, Head of TBS Center of Excellence on CSR and Sustainable Development Toulouse Business School, Toulouse (France)

Professor Charles Vincent, Professor in Information Technology, Analytics, and Operational Research Queen's Business School, Queen's University Belfast (UK)

REGISTRATION

Registration desk

When		Where
Monday (8 January):	13:00 – 16:00	M3A
Tuesday (9 January):	08:00 – 12:30	M24
Tuesday (9 January):	13:00 – 17:00	
Wednesday (10 January):	08:30 – 17:00	M3A
Thursday (11 January):	08:30 – 11:00	

All participants are kindly requested to register at the conference desk before attending the sessions.

Name badges

A name badge is provided at the conference desk and must be visible and worn at all sessions and social events throughout the conference.

Tour and Gala dinner

When:

Wednesday (10 January):

19:00 – 22:00

Where:

Burj Coastline Night Lights Tour with Live BBQ

Embark on an unforgettable luxury yacht tour where you can indulge in awe-inspiring views and delicious BBQ, all while you experience the transformation of Dubai by night. Gaze upon the glittering skyscrapers that surround the Marina and experience the bustling energy of Dubai Harbour as it comes alive under the night sky. Witness the beautiful illumination of Ain Dubai, the world's largest observation wheel. Cruise along Jumeirah Beach towards the magnificent Burj Al Arab while passing by the iconic Palm Jumeirah. The Burj Coastline Night Lights Tour presents the perfect opportunity to unwind, sit back, and create everlasting memories with friends and family.

COMMUNICATIONS & EMERGENCY

Internet access

The login and password are available at the registration desk.

Emergency

Security: 01483 683333

UAE Firefighters: 998

UAE ambulance: 998 and

UAE Police: 998

In case of significant problems concerning the conference (e.g. delay for presentations) please contact the registration desk or call to (Ali Emrouznejad 00971581649141).

Website

www.sharjah.ac.ae/icbap

<https://academyba.com/icbap2024/>

Email

ae0027@surrey.ac.uk

Social media:

To share your moments on LinkedIn, join to the following groups:

 <https://www.linkedin.com/school/university-of-sharjah/>

 <https://www.linkedin.com/events/icbap-internationalconferenceon7047567954934161408/>

 <https://www.linkedin.com/company/icbap/>

REMARKS FOR SPEAKERS & CHAIRS

- There are typically four talks in each 90-minute session, allowing 20 minutes for each speaker, including questions, with 2–3 minutes allocated for speaker transitions.
- Speakers: please bring your paper presentations on a pre-loaded memory stick to your sessions.
- The last presenter in each session will also serve as the session chair.
- Session chairs are responsible for introducing the speakers at the beginning of the session.
- As a speaker, please arrive at least 15 minutes before your session starts. This will give you time to check-in with the session chair and set up your computer and projector.
- Attendees are kindly requested to switch off cell phones and mobile devices prior to the start of the presentations.
- If you are chairing a session, ensure that the presentations follow the order indicated in the program.
- In case a scheduled speaker is absent, please maintain the original time schedule instead of shifting every talk forward. This approach facilitates seamless session transitions.
- Should the designated session chair be absent, the final speaker should assume the role of chair for the session.

PUBLICATIONS

Special issue of journals and Book of Proceedings:

	<p>Journal: Socio-Economic Planning Sciences Special Issue on Analytical Models and AI for Sustainable Development: Enhancing Decision-Making</p> <p>Guest Editors: Ali Emrouznejad, Dima Rachid Jamali & Panagiotis (Panos) Zervopoulos Submission deadline: July 31, 2024</p>
	<p>Journal: IMA Journal of Management Mathematics Special Issue on Leveraging Business Analytics and AI in Consumer Behavior Analysis</p> <p>Guest Editors: Ali Emrouznejad, Panagiotis (Panos) Zervopoulos, John Rice Submission deadline: July 31, 2024</p>
	<p>Journal: <i>Machine Learning with Applications</i> Special Issue on Revolutionising Search Experience: Intelligent Search Engines Powered by Artificial Intelligence and Machine Learning</p> <p>Guest Editors: Ali Emrouznejad, Vincent Charles Submission deadline: March 31, 2024</p>
	<p>Journal: <i>Central European Journal of Operations Research</i> Special Issue on Persons and Freight Transportation</p> <p>Guest Editors: Chefi Triki, Ruben Ruiz, Nima (A.) Mirzazadeh, Gerhard-Wilhelm Weber Submission deadline: March 31, 2024</p>
	<p>The proceedings book for the ICBAP 2024 conference will be published by Springer as part of the Lecture Notes in Operations Research series. If you would like to have your article included.</p> <p>Editors: Ali Emrouznejad, Dima Rachid Jamali & Panagiotis (Panos) Zervopoulos Submission deadline: January 15, 2024.</p>

ICBAP2024 - PROGRAMME



Time	Monday 8th January	Tuesday 9th January	Wednesday 10th January	Thursday 11th January	Time
08:30 - 09:00		Registration	Registration	Registration	08:30 - 09:00
09:00 - 09:30					09:00 - 09:30
09:30 - 11:00		Opening session/ Keynote 1 Prof. Shuang Ren & Prof. Soumyadeb Chowdhury	Parallel Sessions WED1	Parallel Sessions THU1	09:30 - 11:00
11:00-11:30		Coffee Break	Coffee Break	Coffee Break	11:00-11:30
11:30 - 12:30		Industrial session	Keynote 2/ Prof. Vincent Charles	Editorial / Closing session	11:30 - 12:30
12:30-13:00					12:30-13:00
13:00-13:30		Registration	Lunch Break	Lunch Break	13:00-13:30
13:30-15:00		Doctoral Consortium MON1	Parallel Sessions TUE1	Parallel Sessions WED2	13:30-15:00
15:00-15:30		Coffee Break	Coffee Break	Coffee Break	15:00-15:30
15:30-17:00		Doctoral Consortium MON2	Parallel Sessions TUE2		15:30-17:00
17:00-19:00				17:00-19:00	
19:00-23:00			Tour and Gala Dinner	19:00-23:00	

All information is correct at the time of printing and is subject to change without notice.

Monday 8 January 2024: 13:00 - 16:00

Room: M3A (University of Sharjah, Men's Campus)

Registration

MON1-1 (Monday 8 January 2024: 13:30 - 15:00)

Room: M3A-005

Doctoral Consortium

Chair: Soumyadeb Chowdhury

ICBAP-001	The effect of institutional factors on environmental efficiency: A cross-country analysis using a Bayesian data envelopment analysis approach Jawahir Alshehhi (University of Sharjah)*; Panagiotis D. Zervopoulos (University of Sharjah)
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ICBAP-002	Investigating the effects of ICT, education, and R&D on economic efficiency and technology heterogeneity: A cross-country analysis Rashid S. Aljneibi (University of Sharjah)*; Panagiotis D. Zervopoulos (University of Sharjah); Angelos Kanas (University of Piraeus)
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ICBAP-012	Using a Bayesian meta-frontier approach to evaluate airlines' performance: The nexus between airlines' efficiency and customers' satisfaction Abdelrahman R Bin Taliah (Air Arabia)*; Panagiotis D. Zervopoulos (University of Sharjah)
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ICBAP-062	Estimating the effect of formal institutions on public sector efficiency: An application to health, education, and environmental efficiency Salem Abdulrahman Alqassimi (University of Sharjah)*; Panagiotis D. Zervopoulos (University of Sharjah)*; Abu Elias Sarker (University of Sharjah); Andreas Fousteris (Department of Business Administration, University of Piraeus)
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MON2-1 (Monday 8 January 2024: 15:30-17:00)

Room: M3A-005

Doctoral Consortium

Chair: Soumyadeb Chowdhury

ICBAP-107	The Future of Construction: Investigating the Latest Trends & Innovations in Off-Site Construction Solutions for Worker Safety in the United Arab Emirates Maryam AlZarooni (University of Sharjah)*
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ICBAP-108	Enhancing Safety Management in UAE Construction Sites through Site Manager Performance Evaluation Abdulla Omar Al Zarooni (University of Sharjah)*
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ICBAP-125	<p>Has the heterogeneity of culture, investor sentiment and uncertainty altered bank stock returns in the MENA region? Syed Faisal Shah (University of Sharjah)*</p>
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<p>Tuesday 9 January 2024: 8.30 – 9:30 Room: M24 – AlRazi Auditorium (University of Sharjah, Medical Campus)</p>	
	<p>Registration</p>

<p>Tuesday 9 January 2024: 9.30 – 11:00 Room: M24 – AlRazi Auditorium</p>	
	<p>Opening session</p> <ul style="list-style-type: none"> - National Anthem - Verses from the Holy Quraan - Opening Remarks by H.E. Prof. Hamid M. K. Al Naimiy, Chancellor of the University of Sharjah - Welcome Speech by Prof. Ilhan Ozturk, Dean of the College of Business Administration, University of Sharjah - Welcome speech by Dr Panagiotis (Panos) Zervopoulos, Director of Graduate Programs (Ph.D.), College of Business Administration, University of Sharjah - Welcome Speech by Prof. Ali Emrouznejad, Director of the Centre for Business Analytics in Practice, Surrey Business School, University of Surrey, UK
	<p>Keynote 1 : Generative AI: Business Operations and Social Transformation “Be Curious, don’t be Judgemental”</p> <ul style="list-style-type: none"> - Prof. Shuang Ren, Director of Diversity, Equality, Inclusion and Belonging. Queen’s Business School, Belfast (UK) - Prof. Soumyadeb Chowdhury, Head of TBS Center of Excellence on CSR and Sustainable Development. TBS Business School, Toulouse (France) - Moderator: Prof. Ali Emrouznejad
	<p>Honorary</p> <ul style="list-style-type: none"> - Keynote Speakers (Prof. Shuang Ren, Prof. Soumyadeb Chowdhury, and Prof. Vincent Charles) - Sponsors (BHM Capital and Invest Bank)

Tuesday 9 January 2024: 11.30 – 12:30

Room: M24 – AIRazi Auditorium

Industrial Panel: Harnessing AI and Business Analytics for Sustainable Innovation and Improved Business Insights

- Mr. Yasir Ahmad, MENA Climate Change and Sustainability Leader, Ernst & Young, UAE
- Professor Sotiris Bersimis, Industrial Statistics and Business Analytics, University of Piraeus & Co-Founder / Scientific Advisor, Covariance P.C., Greece
- Mr. Abdelrahman Bin Taliah, Group Director Corporate and Government Affairs, Air Arabia, UAE
- Mr. Constantinos Zacharias, Credit Risk Analysis, Financial Services & Risk Management, Ernst & Young, Greece
- Moderator: Dr. Panagiotis (Panos) Zervopoulos

TUE1-1 (Tuesday 9 January 2024: 13:30 - 15:00)

Room: M3A-006

Data Envelopment Analysis

Chair: Panagiotis Zervopoulos

ICBAP-035

A kernel Bayesian data envelopment analysis approach for bias correction of efficiencies

Constantinos Zacharias (EY Financial Services & Risk Management)*; Panagiotis D. Zervopoulos (University of Sharjah); Ali Emrouznejad (Surrey Business School); Konstantinos Triantis (Virginia Tech); Gang Cheng (Hainan Institute for Health Development Studies)

ICBAP-017

Moneyball: Analyzing the efficiency of English Premier League strikers using Data Envelopment Analysis

Aniekan Essien (University of Bristol)*; Marios Dominikos Kremantzis (University of Bristol); Dhiraj Joshi (University of Bristol); Fatema Zaghoul (University of Bristol)

ICBAP-110

A Bayesian approach for correcting bias of data envelopment analysis estimates using the super-efficiency frontier

Panagiotis D. Zervopoulos (University of Sharjah)*; Ali Emrouznejad (Surrey Business School)

TUE1-2 (Tuesday 9 January 2024: 13:30 - 15:00)

Room: M3A-008

**Decision Support Systems / Data Visualization
Insights / Business Intelligence**

Chair: Mohammad Khadem

ICBAP-031	An Empirical Study on the use of Data Analytics and AI by the Greek Companies Alexandra P Alexandropoulou (University of Piraeus)*; Maria Karvounidi (University of Piraeus); Maria Maniati (University of Piraeus); Andreas Fousteris (Department of Business Administration, University of Piraeus); Christos Boudoulis (University of Piraeus); Sotiris Bersimis (University of Piraeus)
ICBAP-079	Decision Support for Benchmarking of e-Commerce Websites' Social Media Performance: A Case Study of the UAE e-Commerce Market Roula AlBaroudi (United Arab Emirates University); Ousha Saif Ali AlNeyadi (United Arab Emirates University); Mohamed Badran (United Arab Emirates University); Gurdal Ertek (United Arab Emirates University)*
ICBAP-081	A Graph Analytics Methodology for Analyzing Startup Ecosystems Ali AlKatheeri (United Arab Emirates University); Abdulla AlBedwawi (United Arab Emirates University); Abdulalrheem AlSheebany (United Arab Emirates University); Saif Abdulmajeed Javan (United Arab Emirates University); Samir Safi (United Arab Emirates University); Gurdal Ertek (United Arab Emirates University)*
ICBAP-104	Expectations Versus Reality of Asset Management Impacts on Organizational Performance - A Comparative Study From the Service Sector in the UAE Meera KA Al-Hilo Al-Hammadi (University of Sharjah)*; Sameh Al-Shihabi (University of Sharjah); Mohammad Khadem (University of Sharjah)

TUE1-3 (Tuesday 9 January 2024: 13:30 - 15:00)

Room: M3A-009

**Marketing Analytics and Campaign
Optimization**

Chair: Panagiotis Artikis

ICBAP-019	Monitoring Defects on Products' Surface by Incorporating Scan Statistics into Process Monitoring Procedures Sotiris Bersimis (University of Piraeus)*; Athanasios Sachlas (University of Thessaly); Polychronis Economou (University of Patras)
ICBAP-082	Data Analytics with Large Language Models (LLM) Shamma Aylan Abdulla AlMheiri (United Arab Emirates University); Mohammad AlAnsari (United Arab Emirates University); Jaber AlHashmi (United Arab Emirates University); Noha Abdalmajeed (United Arab Emirates University); Muhammed Jalil (United Arab Emirates University); Gurdal Ertek (United Arab Emirates University)*

ICBAP-077	Insights into Domain Names and Product Categories of e-Commerce Websites: A Case Study of the UAE Rachidatou Ingrid Traoret (United Arab Emirates University); Salama AIDhaheri (United Arab Emirates University); Fatima AlAmeemi (United Arab Emirates University); Gurdal Ertek (United Arab Emirates University)*
ICBAP-039	Benchmarking Machine Learning algorithms to predict profitability directional changes PANAGIOTIS§ ARTIKIS (UNIVERSITY OF PIRAEUS); Nicholas Belesis (University of Piraeus); Georgios Papanastasopoulos (University of Piraeus); Antonios M. Vasilatos (University of Piraeus)*

TUE2-1 (Tuesday 9 January 2024: 15:30 - 17:00)

Room: M3A-006

Data Envelopment Analysis

Chair: Victor Podinovski

ICBAP-042	Undesirable factors in environmental efficiency measurement: a comparison between inverse transformation approaches in DEA Ali Emrouznejad (Surrey Business School); Maria Michali (University of Bristol)*; Gholam R. Amin (University of New Brunswick)
ICBAP-054	The technical efficiency of farms, its decomposition into input components, and their socioeconomic characteristics at Alahsa oasis in Saudi Arabia Ezzeddine Belgacem Mosbah (King Faisal University)*
ICBAP-053	The Essence of Malmquist Productivity Index in Evaluating the Performance of the Mauritius Port during the Pre-Covid, Covid and Post Covid 19 era Adeola O Osundiran (University of South Africa)*
ICBAP-045	A framework for the incorporation of ratio inputs and outputs in DEA Grammatoula Papaioannou (Loughborough University); Victor Podinovski (Loughborough University)*

TUE2-2 (Tuesday 9 January 2024: 15:30 - 17:00)

Room: M3A-008

Environmental Sustainability Analytics

Chair: A Aziz Jaafar

ICBAP-020	Gaining Insight into the use of Machine Learning enabled Digital Twins for comfort and Indoor Environmental Quality in buildings Andreas Fouteris (Department of Business Administration, University of Piraeus)*; Grigoris Papageorgiou (University of Patras); Stylianos Karatzas (University of Patras); Vasiliki Lazari (University of Patras); Athanasios Chassiakos (University of Patras)
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ICBAP-071	Occupational Health and Safety Hazards Analysis by AHP Among Agriculture Workers in Sharjah, UAE Mohammad Khadem (University of Sharjah)*
ICBAP-024	Equity Market Response to Carbon Neutrality: Evidence from China Andrew Lepone (Macquarie University)*; Grace Lepone (Macquarie University); Bei Dai (Macquarie University)
ICBAP-059	Corporate Social Responsibility and Tax Avoidance: Organized hypocrisy or balancing contradictory demands? A Aziz Jaafar (University of Sharjah)*; Abdullah Alsaadi (Umm Al-Qura University)

TUE2-3 (Tuesday 9 January 2024: 15:30 - 17:00)

Room: M3A-009

Healthcare Analytics and Patient Outcome Prediction

Chair: Dimitrios A Georgakellos

ICBAP-027	An Analytical Approach for Estimating Required Budgets for Type II Diabetes (T2D) in Greece Elisavet Nika (University of Piraeus)*; Dimitrios A Georgakellos (University of Piraeus); Athanasios Sachlas (University of Thessaly); Sotiris Bersimis (University of Piraeus)
ICBAP-038	Exploring the Optimal Camera Placement Problem and its Relationship with the Set Covering Problem Malek Almousa (Lancaster University)*
ICBAP-120	Resolving the interplay between antecedents of customer attachment in the Restaurant: A Planned Behavior Theory Perspective Md Sazzad Hossain (University of Tabuk)*; Md Yusuf Hossein Khan (University of Algarve); Mst. Sumyia Akter (International University of Business Agriculture and Technology); Sharmin Chowdhury (Merchant logo Bangladesh University of Professionals)
ICBAP-022	Data Analytic Techniques and Statistical Process Monitoring for Efficient Health Budgeting Elisavet Nika (University of Piraeus); Thomas Tsiampalis (Harokopio University); Athanasios Sachlas (University of Thessaly); Andreas Fouteris (Department of Business Administration, University of Piraeus); Dimitrios A Georgakellos (University of Piraeus)*

Wednesday 10 January 2024: 8.30 – 9:30

Room: M3A (University of Sharjah, Men's Campus)

Registration

WED1-1 (Wednesday 10 January 2024: 9:30 - 11:00)

Room: M3A-006

AI / Big Data Analytics

Chair: Sarika Jain

ICBAP-040	The role of institutions in the formation of sustainable consumer behavior. Case study analysis of plastic bags in Greece. Nefeli Malliari (University of Piraeus)*
ICBAP-043	Adapting an Insider Trades Detection Model for a Comprehensive Market Manipulation Detection Baqar Rizvi (University of Derby)*; Mohsen Farid (University of Derby, Derbyshire); David Attew (Aquis Exchange PLC, London)
ICBAP-065	The Continued Usage of Artificial Intelligence in the United Arab Emirates Public Sector Organizations: An extended information system success model Fares Dahabreh (Phronesis Management Consulting); Mahmoud Abdelrahman (Manchester Metropolitan University)*; Eleni Dermentzi (Newcastle Business School)
ICBAP-109	ICDAC: Indian Court Decision Annotated Corpus for NER Sarika Jain (NIT Kurukshetra)*

WED1-2 (Wednesday 10 January 2024: 9:30 - 11:00)

Room: M3A-008

Financial Analytics and Portfolio Management

Chair: Yousif Abdelbagi Abdalla

ICBAP-015	Are financial sustainability and social outreach of Microfinance Institutions mutually exclusive? Evidences from India Asif Khan (IMT Nagpur)*
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ICBAP-093	Stock Market Price Prediction Using Deep Belief Network with Arithmetic Optimization Algorithm Noura Metawa (University of Sharjah); Hussein Al Tamimi (University of Sharjah); Rania Itani (Murdoch University)*
ICBAP-016	UAE Stock Markets Prediction: Machine Learning Application Randa A. Abdelkarim (University of Khartoum); Yousif Abdelbagi Abdalla (University of Sharjah, Sharjah) *; Ibrahim Abaker Hahsem (University of Sharjah)

WED1-3 (Wednesday 10 January 2024: 9:30 - 11:00)

Room: M3A-009

Environmental Sustainability Analytics

Chair: Ramakrishnan Ramanathan

ICBAP-072	Climate Risk and Firm Performance: Evidence from Global Transportation System Nufazil Altaf (National Institute of Technology, Srinagar)*
ICBAP-083	A Visual Analytics Methodology for the "Life Under Water" (SDG14) Sustainable Development Goal (SDG) Malak AlOmari (United Arab Emirates University); Dania Awwad (United Arab Emirates University); Hind ElHassan (United Arab Emirates University); Rawan Suleiman (United Arab Emirates University); Kursad Asdemir (United Arab Emirates University); Gurdal Ertek (United Arab Emirates University)*
ICBAP-066	SIMULATING BLOOD SUPPLY CHAIN NETWORK DESIGN TO MINIMISE THE TOTAL LOGISTICS COST Lama Soliman Khaled (University of Exeter)*; Martino Luis (University of Exeter); Baris Yuce (University of Exeter)
ICBAP-122	A food ranking model for supporting food waste reduction Ramakrishnan Ramanathan (University of Sharjah)*; Usha Ramanathan (University of Sharjah)

Wednesday 10 January 2024: 11.30 – 12:30

Room: M3A-005

	Keynote 2: AI-Enabled Emotional Analytics for Boosting Business Performance - Prof. Vincent Charles, Professor in Information Technology, Analytics, and Operations. Queen's Business School, Belfast (UK)
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WED2-1 (Wednesday 10 January 2024: 13:30 - 15:00)**Room: M3A-006****Machine Learning****Chair: Nikolaos Georgopoulos**

ICBAP-087	Anomaly Detection in Enterprise Payment Systems: An Ensemble Machine Learning Approach Basem Torky (RIT Dubai); Ioannis Karamitsos (RIT DUBAI)*; Tariq Najar (RIT Dubai)
ICBAP-011	Can machine learning enhance the forecasting of herding behaviour in international stock markets? PANAGIOTIS ARTIKIS (UNIVERSITY OF PIRAEUS)*; GEORGIOS PAPANASTASOPOULOS (UNIVERSITY OF PIRAEUS); Polyxeni G. Tsitsiri (University of Piraeus); Antonios M. Vasilatos (University of Piraeus)
ICBAP-080	Comparing the Performance of Classification Algorithms for Predicting Electric Vehicle Adoption Shamma AlRashdi (United Arab Emirates University); Aysha AlHassani (United Arab Emirates University); Fatima Haile (United Arab Emirates University); Rauda AlNuaimi (United Arab Emirates University); Thouraya Labben (United Arab Emirates University); Gurdal Ertek (United Arab Emirates University)*
ICBAP-004	Internet of Things (IoT) a Trending Technology: Transforms the Hospitality Industry. Case Study: W Costa Navarino (Messinia, Greece) Nikoletta Klada (University of Piraeus)*; Nikolaos Georgopoulos (University of Piraeus)

WED2-2 (Wednesday 10 January 2024: 13:30 - 15:00)**Room: M3A-008****Financial Analytics and Portfolio Management****Chair: Hussein Al Tamimi**

ICBAP-023	Individual Investor ESG Preference Under Stress Anil Gautam (Macquarie University); Grace Lepone (Macquarie University)*
ICBAP-046	Exploring the Influence of Financial Technologies on Asset Price Dynamics: An Analytical Blueprint PANAGIOTIS ARTIKIS (UNIVERSITY OF PIRAEUS); Evaggelia Kopanaki (University of Piraeus); Polyxeni G. Tsitsiri (University of Piraeus)*
ICBAP-047	Financial Information Quality: Analysis of Cloud Accounting Adoption on UAE Firms Nora Azima Noordin (Higher Colleges of Technology, Sharjah Women's Campus)*; Ahmad Hayek (Higher Colleges of Technology); Mirjana Sejdini (Higher Colleges of Technology, Sharjah Women's Campus); Aysha Humaid (Higher Colleges of Technology, Sharjah Women's Campus); Nouf

	Sultan (Higher Colleges of Technology, Sharjah Women's Campus); Bashair Abdulla (Higher Colleges of Technology, Sharjah Women's Campus); Mariam Yousif (Higher Colleges of Technology, Sharjah Women's Campus)
ICBAP-055	The Impact of Capital Structure on Financial performance: Evidence from the UAE Sara Yasin (University of Sharjah)*; Yousef Damra (University of Sharjah); Hussein Al Tamimi (University of Sharjah); Sara Dalli (University of Sharjah); Moza Alketbi (University of Sharjah)

WED2-3 (Wednesday 10 January 2024: 13:30 - 15:00)	
Room: M3A-009	
Decision Support Systems for Executives	
Chair: Liang Hong	
ICBAP-117	Personality: A Cross Cultural Study Shabnam (NIT Kurukshetra)*
ICBAP-116	Role of Personality Traits in Intentions to Quit the Organization Geeta Sachdeva (National Institute of Technology (NIT) Kurukshetra)*
ICBAP-018	Instantaneous and limiting behavior of an n-node blockchain under cyber attacks from a single hacker Liang Hong (University of Texas at Dallas)*; Xiufeng Xu (University of Texas at Dallas)

Thursday 11 January 2024: 8.30 – 9:30	
Room: M3A (University of Sharjah, Men's Campus)	
	Registration

THU1-1 (Thursday 11 January 2024: 9:30 - 11:00)	
Room: M3A-006	
Digital Supply Chain and Logistics	
Chair: Lama Soliman Khaled	
ICBAP-113	Preserving Tomorrow's Plate: A Survey on Food Loss and Waste in the Agri-Food Supply Chain SUMIT KUMAR (Indian Institute of Technology Roorkee)*; Millie Pant (IIT Roorkee)

ICBAP-123	A Temperature Monitoring System with Neural Enhancement in Food Supply Chain Transportation Jean-Charles Vialatte (SenX); James Gillespie (Ulster University); Ramakrishnan Ramanathan (University of Sharjah)*
ICBAP-067	SIMULATING BLOOD SUPPLY CHAIN NETWORK DESIGN TO MINIMISE THE TOTAL LOGISTICS COST Lama Soliman Khaled (University of Exeter)*

THU1-2 (Thursday 11 January 2024: 9:30 - 11:00)

Room: M3A-008

Applications of Business Analytics

Chair: Matteo Brunetti

ICBAP-119	Role of Social Media Influencers Towards Environmental Involvement and Green Purchase Behaviour Tahir Wani (National Institute of Technology Srinagar)*; Mehvish Nazir (National Institute of Technology Srinagar)
ICBAP-056	The Effect of Circular Economy Practices on Circular Economy Capabilities and Firm Performance in the UAE: Moderating Role of AI Dima F Ahmad (University of Sharjah*, Ismail Samara (University of Sharjah), Rawan Al Naser (University of Sharjah), Sara Yasin (University of Sharjah), Yousef Damra (University of Sharjah)
ICBAP-060	Enhancing Electric Inter-Terminal Transport via Early Information Matteo Brunetti (University of Twente)*; Martijn Mes (University of Twente); Eduardo Lalla-Ruiz (University of Twente)

Thursday 11 January 2024: 11:30 – 12:30

Room: M3A-005

Editorial & Closing session

- Prof. Hussein Al Tamimi, Director of Graduate Programs (Masters), College of Business Administration, University of Sharjah
- Prof. Vincent Charles, Professor in Information Technology, Analytics, and Operations. Queen's Business School, Belfast (UK)
- Prof. Soumyadeb Chowdhury, Professor in Information Systems Management, Head of TBS Center of Excellence on CSR and Sustainable Development Toulouse Business School, Toulouse (France)
- Prof. Ali Emrouznejad, Director, Centre for Business Analytics in Practice, Surrey Business School, University of Surrey, Guildford, UK
- Prof. Ilhan Ozturk, Dean of College of Business Administration, University of Sharjah
- Prof. Shuang Ren, Director of Diversity, Equality, Inclusion and Belonging, Queen's Business School, Queen's University Belfast (UK)

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