

IAME Conference

WEDNESDAY 26TH JUNE, Parallel Session 1

AUTOMATIZATION & DIGITALIZATION I

Wednesday 11:30 – 13:00 Room 1.1.	INVESTIGATING KEY FACTORS INFLUENCING THE INTENTION OF ONBOARD DRONE ADOPTION IN MARITIME OPERATIONS: A REFINED APPLICATION OF THE UNIFIED THEORY OF ACCEPTANCE AND USE OF TECHNOLOGY (UTAUT). (IAME2024_2123) Konstantinos Makrygiannis
	RISK MANAGEMENT OF TRANSACTION SECURITY USING BLOCKCHAIN TECHNOLOGY IN THE INTERNATIONAL LOGISTICS INDUSTRY (IAME2024_2159) Yi-Chih Yang*; Yu-Chen Chen
	THE IMPACT OF CYBERSECURITY AWARENESS ON PREVENTIVE BEHAVIOUR IN THE MARITIME INDUSTRY (IAME2024#268) Chia-Hsun Chang*; Tianni Wang; Chi-Chang Lin; Zaili Yang
	MARITIME CYBERSECURITY RISK ASSESSMENT USING BOWTIE DIAGRAMS (IAME2024_289) Changki Park; Christos Kontovas* ; Zaili Yang; Chia-Hsun Chang

ENERGY TRANSITION I

Wednesday 11:30 – 13:00 Room 1.2.	CRUISING TOWARDS SUSTAINABILITY: A COMPREHENSIVE SURVEY ON STRATEGIC CHOICES FOR FACTORS SHAPING TECHNICAL MEASURES FOR CARBON REDUCTION IN SHIPPING (IAME2024_2114) Konstantina Manifava*; Michael Tsatsaronis; Panagiotis Trakadas; Aikaterini Karditsa
	THE DECARBONIZATION STRATEGY AND FUEL ADOPTION OF SHIPPING COMPANIES: A CONTINGENCY THEORY PERSPECTIVE (IAME2024_2201) Liping Jiang*; Leonardo SantiagoKing-Yin Cheung
	DECARBONIZATION TRANSITION STRATEGY FOR CONTAINER VESSELS (IAME2024_2133) Anne Xaviera Go*; Tomoya Kawasaki; Rei Miratsu; Ryuji Miyake
	ESTIMATING WILLINGNESS TO PAY FOR LOW-CARBON FUELS AND ONSHORE POWER SUPPLY: A CASE STUDY FOR THE FERRY INDUSTRY IN THE CANARY ISLANDS (IAME2024#251) Salvador Del Saz-Salazar* ; Beatriz Tovar

MARITIME BUSINESS & STRATEGIES I

Wednesday 11:30 – 13:00 Room 1.4.	CARRIAGE OF GOODS BY SEA UNDER THE NEW ESG PRINCIPLES: GUIDING CHARTER PARTIES INTO THE NEW SHIPPING ERA (IAME2024_2293) Michael Boviatsis*; Dionysios Polemis
	HOW THE PORT CONGESTION AFFECTS LINERS' PORT-SKIPPING BEHAVIOUR? (IAME2024_2184) Seong-Hyun Cho*; Ah-Hyun Jo; Hwaseop Lee; Young-Tae Chang
	PREDICTIVE MODELLING IN THE SHIPPING INDUSTRY: ANALYSIS FROM SUPPLY AND DEMAND SIDES (IAME2024#255) Siyang Zhu*; Cheng-Hsien Hsieh

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THE GEOGRAPHIC DIVERSIFICATION STRATEGIES OF CONTAINER SHIPPING LINES: AN EMPIRICAL STUDY (IAME2024_2191)

Luca Persico; Roberto Viviani; **Giovanni Satta***; Francesco Parola; Alberto Pera

PORT POLICY

Wednesday
11:30 – 13:00
Room 2.1.

AN INSTITUTIONAL APPRAISAL OF NIGERIA'S MARITIME PORT REFORMS AND THE IMPLICATIONS FOR AFRICAN PORT REFORMS (IAME2024#212)

Adekola Oyenuga*

PORT COMMUNITY SYSTEMS AS DEVELOPER OF SUPPLY CHAIN NETWORK PICTURE (IAME2024_2265)

Avishek Halder; Alexandre Lavissière*; Laurent Fedi

CABOTAGE RELAXATION: AN INITIAL EVALUATION OF CHINA'S REFORMS TOWARDS 'FREE TRADE' POLICIES (IAME2024_2290)

Angelos Pantouvakis; Elvira Koutsouki*; Michael Boviatsis

THE CO-OPETITION OF MULTI-PORT REGION – A GAME-THEORETIC MODEL FOR GREATER BAY AREA PORTS (IAME2024_2210)

Collin Wh Wong*; Tommy King-Yin Cheung

LOGISTICS AND SUPPLY CHAIN I

Wednesday
11:30 – 13:00
Room 2.2.

COMPLEXITY OF MODE CHOICE IN PORT-HINTERLAND CONNECTIONS (IAME2024_281)

Katelyn Tahaney*; Christa Sys; Thierry Vanelslander

ASSESSING THE IMPACT OF COVID-19 ON THE CHINA-EUROPE RAILWAY EXPRESS: AN RDD-DID ANALYSIS (IAME2024#213)

Yonglei Jiang*; Ailing Huang

IS MODAL SHIFT FROM ROAD TO SSS ALWAYS SUITABLE IN TERMS OF EMISSIONS? A CASE STUDY (IAME2024#279)

Lorena Garcia-Alonso*; José Ángel Vallejo-Pinto

ANALYSIS OF THE IMPACT OF THE EMISSION TRADING SYSTEM ON THE DEMAND FOR SHORT-SEA SHIPPING: AN APPLICATION TO THE SPAIN-NORTHERN ITALY TRANSPORT CORRIDOR (IAME2024_2140)

Maria Feo*; Julian Martinez Moya; Amaya Vega; Jonas Mendes Constante

BULK SHIPPING I

Wednesday
11:30 – 13:00
Room 2.4.

INNOVATIONS IN SHIPBOARD CARBON CAPTURE: PAVING THE WAY FOR DECARBONIZATION, ENERGY TRANSITION AND A CARBON CIRCULAR ECONOMY IN MARITIME TRANSPORT (IAME2024_2158)

Sebastian Ebbing*

EVALUATING THE INVESTMENT VALUE OF ALTERNATIVE FUEL VESSELS: A SCENARIO-BASED APPROACH (IAME2024#258)

Koichiro Hayashi*

INVESTIGATING THE RELATIONSHIP BETWEEN EEXI, CII AND VESSEL VALUES IN THE OIL TANKER AND DRY BULK CARRIER SECTORS (IAME2024_290)

Pin Hsuan Lu*; Dimitrios Theocharis

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THE EFFECTS OF COAL PHASE-OUT ON DRY BULK SHIPPING (IAME2024_2272)

Efthymios Roumpis*; Ted Syriopoulos; Michael Tsatsaronis; Christos Tsitsakis

SHIPPING

Wednesday
11:30 – 13:00
Room 3.1.

PRICE BARGAINING EFFICIENCY: INSIGHTS FROM THE SHIPPING FREIGHT MARKET (IAME2024_2202)

Satya Sahoo*; Pierre Cariou

QUANTIFYING THE IMPACT OF JUST-IN-TIME (JIT) SYSTEMS ON FREIGHT RATES (IAME2024_2163)

Vangelis Tsioumas*; Peter J. Stavroulakis; Dimitrios Lyridis; Stratos Papadimitriou

THE IMPACT OF EXPERIENCE ON BEHAVIORAL INTENTIONS: A STUDY OF REGIONAL AND NON-REGIONAL PASSENGERS (IAME2024_2220)

Anastasia Gerou*; Angelos Pantouvakis; Maria Karakasnaki

RELIABILITY-BASED APPROACH FOR PORT INTEGRATED SCHEDULING INCORPORATING UNCERTAIN OPERATION (IAME2024#276)

Lei Cai; Wenfeng Li; **Huanhuan Li***; Bo Zhou; Zaili Yang

IAME Conference

WEDNESDAY 26TH JUNE, Parallel Session 2

ENERGY TRANSITION II

Wednesday 14:00 – 15:30 Room 1.1.	MULTI-ACTOR MULTI-CRITERIA DECISION ANALYSIS FOR HYDROGEN HUB LOCATION: KEY FACTORS IN RENEWABLE ENERGY VALUE CHAINS (IAME2024_2246) Lara Pomaska*; Gordon Wilmsmeier
	OPERATIONAL IMPLICATIONS OF THE REVISED IMO GHG STRATEGY 2023: A CASE STUDY ON E-METHANOL(IAME2024#248) Sotiria Lagouvardou*; Jasmine Siu Lee Lam; Harilaos Psaraftis
	ENERGY EFFICIENCY AND GHG EMISSIONS BENCHMARKING: A COMPARATIVE ANALYSIS UNDER ISO 14083 STANDARD (IAME2024#263) Ana Cristina Ocampo*; Gordon Wilmsmeier
	NAVIGATING THE HYDROGEN ECONOMY: OPERATIONAL RISKS FOR PORTS (IAME2024#273) Oktaviani Turbaningsih; Peggy Shu-Ling Chen* ; Hossein Enshaei; Mark Cooper

SUSTAINABLE STRATEGIES I

Wednesday 14:00 – 15:30 Room 1.2.	REDESIGNING BUSINESS MODELS FOR GREEN AND SUSTAINABLE MARITIME SHIPPING: A COMPREHENSIVE FRAMEWORK FOR STRATEGIC RE-THINKING (IAME2024_2215) Bianca Vottero*; Theo Notteboom; Giovanni Satta
	COMPARISON OF THE ANTICIPATED SHIPPING EMISSION REDUCTION PATHWAYS AND TARGETS BY REGULATORS AND MANUFACTURERS BY 2030 (IAME2024_2105) Antti Saurama*; Tomi Solakivi
	THE APPLICATION OF ESG CRITERIA BY GREEK SHIPPING COMPANIES AND THEIR SIDE EFFECTS ON MARINE INSURANCE (IAME2024_2222) Ioannis Theotokas*; Konstantinos Saviolidis
	PURPOSE AND POSITIONING: ENVIRONMENTAL NARRATIVES IN THE CONTAINER SHIPPING INDUSTRY (IAME2024_2243) Michele Acciaro*

PORT ENVIRONMENTAL STRATEGIES I

Wednesday 14:00 – 15:30 Room 1.4.	GREEN STRATEGIES AND STAKEHOLDER PRIORITIZATION IN THE PORT DOMAIN (IAME2024_2236) Abdel Ganir Njikatoufon*; Fabio Ballini; George Vaggelas; Giovanni Satta
	DEVELOPING ESG METRICS OF GREEN PORT INVESTMENT IN AN ARCHIPELAGO COUNTRY (IAME2024_293) Hafida Fahmiasari*; Jasmine Siu Lee Lam
	ASSESSING THE CARBON FOOTPRINT AND COST ASSOCIATED WITH CONTAINER HANDLING AND MOVEMENT IN PORTS (IAME2024_2194) Achmad Mustakim*; John Mangan; Roberto Palacin
	DETERMINANTS OF THE TRANSITION TO LOW AND NEAR ZERO CARBON EMISSION PORTS (IAME2024_2149) Anas S. Alamoush* ; Fabio Ballini

IAME Conference

MARITIME & PORT CONNECTIVITY I

Wednesday
14:00 – 15:30
Room 2.1.

A DATA-DRIVEN METHOD FOR ANALYSING SHIPPING CONNECTIVITY: CASE STUDY OF CHINESE PORTS (IAME2024_2195)

Zengqi Xiao*; Yan Weng Tan; Wei Yim Yap

RETHINKING CONTAINER PORT POSITIONING: A MODEL BASED ON PORT CALL CANCELLATIONS AND SCHEDULE RELIABILITY (IAME2024_2142)

David Guerrero*; Jean-Claude Thill; Carlos Pais-Montes

A STUDY ON EVALUATING METHODOLOGY FOR THE IMPACT OF JAPAN'S PORT POLICY ON CONTAINER FLOW (IAME2024#229)

Yasuhiro Akakura*; Junya Iida

CONTAINER PORT SELECTION IN THE ASEAN REGION: KOREAN SHIPPING COMPANIES' PERSPECTIVE (IAME2024_299)

Inhyeok Yeo*; Saeyeon Roh; Mark Bennett; Minchul Sohn

QUANTITATIVE IDENTIFICATION OF GLOBAL CONTAINER PORT CLUSTERS BASED ON GEOGRAPHICAL AND INDUSTRIAL AGGLOMERATION (IAME2024_2200)

Xiaoxin Huang; **Dong Yang***

SHIPPING FINANCE I

Wednesday
14:00 – 15:30
Room 2.2.

DATA-DRIVEN BUNKER REFUELING UNDER PRICE UNCERTAINTY (IAME2024_2199)

Qinghe Ivy Sun*

THE EFFECT OF OIL PRICES ON THE US SHIPPING STOCK PRICES: THE MEDIATING ROLE OF FREIGHT RATES (IAME2024_294)

Andreas Andrikopoulos*; Anna Merika; Nikolaos Stoupos

THE SADDLE EFFECT OF FINANCIAL LEVERAGE ON VESSEL ACQUISITIONS (IAME2024#226)

Christos Sigalas*

OPTIMAL HEDGING STRATEGIES IN THE NEW LOW-SULPHUR BUNKER FUEL LANDSCAPE: A MULTI-DIMENSIONAL APPROACH (IAME2024_2269)

Manolis Kavussanos*; Xiwen Bai; Stergiani (Stella) Moysiadou

IAME Conference

CRUISE I

Wednesday
14:00 – 15:30
Room 2.4.

BIODIVERSITY ACCOUNTING AND ACCOUNTABILITY FOR WASTE MANAGEMENT DISCLOSURE: EVIDENCE FROM CRUISE INDUSTRY (IAME2024#233)

Assunta Di Vaio*; Giuseppe Dell'Amura; Luigi Lepore; Daniel Balsalobre-Lorente

THE EFFECT OF INTRODUCING A CRUISE TAX ON PORT TRAFFIC (IAME2024_2283)

Julian Martinez Moya*; Ferran Elias Moreno

EXPLORING THE RELEVANCE OF GREEN CONSUMPTION VALUES TO MANAGE CONSUMER-BRAND RELATIONSHIPS IN THE CRUISE INDUSTRY (IAME2024_2157)

Marcello Risitano; Giuseppe La Ragione*; Francesco Parola; Annarita Sorrentino

CRUISE PASSENGERS' PERCEPTION OF PORT ATTRIBUTES AND THEIR PURPOSE FOR REVISITING AND RECOMMENDING. EVIDENCE FROM THE CANARY ISLANDS (IAME2024_2289)

José Baños; Beatriz Tovar*

PORT COMPETITIVENESS & GOVERNANCE

Wednesday
14:00 – 15:30
Room 3.1.

APPLICATION OF THE BALANCED THEORY OF PORT COMPETITIVENESS (BTOPC) TO THE CRUISE INDUSTRY: AN EMPIRICAL STUDY (IAME2024#225)

Douglas Hales*

ASYMMETRIC COST BEHAVIOR: THE CASE OF SHIP OPERATING EXPENSES (IAME2024_2237)

Vasilios-Christos Naoum*; Nikos Kagkarakis

ASSESSING MARINA SERVICE PERFORMANCE: A SAILOR-BASED APPROACH USING PLS MODELLING (IAME2024_2183)

Dimitra Skandali; Michael Tsatsaronis*

THE CHANGING COMPOSITION OF SUPERVISORY BOARDS OF STATE-OWNED PDCS IN THE EU; CONVERGENCE TO BEST PRACTICES? (IAME2024#236)

Peter De Langen*

IAME Conference

WEDNESDAY 26TH JUNE, Parallel Session 3

AUTOMATIZATION & DIGITALIZATION II

Wednesday 16:00 – 17:30 Room 1.1.	A TYPOLOGY OF DIGITAL TWIN IN THE MARITIME SUPPLY CHAIN (IAME2024_2275) Stephen Rakoma*; Valentin Carlan; Mehran Farzadmehr; Christa Sys; Thierry Vanelslander
	CONCEPTUAL FRAMEWORK TO ASSESS ACTORS' RELATIONAL INTERDEPENDENCIES IN TECHNOLOGY ADOPTION: A MARITIME SUPPLY CHAIN ECOSYSTEM APPLICATION (IAME2024_2211) Lorenzo Franchi*; Thierry Vanelslander; Valentin Carlan; Wouter Van Bockhaven
	'BLUE' DIGITAL TRANSFORMATION: ITS IMPACT ON MARITIME BUSINESS MODELS AND STRATEGY (IAME2024_2255) Anastasia Christodoulou*; Martin Jes Iversen
	ENHANCING DIGITAL TRANSFORMATION IN CONTAINER SHIPPING AND THIRD-PARTY LOGISTICS THROUGH CORPORATE ENGAGEMENT WITH STARTUPS: A TEMPORAL AND VALUE-BASED ASSESSMENT (IAME2024_2144) Hubert Paridaens; Theo Notteboom*

GEOPOLITICS I

Wednesday 16:00 – 17:30 Room 1.2.	GEOPOLITICAL TENSIONS AND THEIR IMPACT ON SHIPPING, TRADE AND SUPPLY CHAINS (IAME2024_2264) Stavros Karamperidis*; Kyriakos Tzoutzidis; George Vaggelas
	UNVEILING TRADE BARRIERS: CONSTRUCTING A GLOBAL PROTECTIONISM INDICATOR AND ITS APPLICATION TO VALENCIAPORT (IAME2024_2271) Maria Soler De Dios*; Vicente Pallardó López; Antonio Torregorsa Maicas; Juan Manuel Díez Orejas
	MAYDAY! MAYDAY! TERROR IN THE RED SEA: ARE MARITIME STOCKS DROWNING UNDER THE ISRAELI-PALESTINE CONFLICT? (IAME2024_285) Mutaju Marobhe; Jonathan Kansheba; Ziaul Munim*
	MARITIME INSECURITY AND DHOWS' TERRITORY IN THE ARABIAN SEA (IAME2024_2241) Emeric Lendjel*; Ali Miganeh Hadi; Ismael Abdillahi Guirreh
	GEOPOLITICAL LEVERAGE THROUGH FOREIGN SOE ACTIVITIES IN PORTS: AN ANALYTICAL FRAMEWORK AND THE CASE OF GREECE (IAME2024_2221) Thanos Pallis* ; Peter De Langen

PORT PERFORMANCE & EFFICIENCY I

Wednesday 16:00 – 17:30 Room 1.4.	SYNCRILIFT DRY DOCK SCHEDULING (IAME2024#271) Hao Guan*; Mengtong Wang; Qiang Meng
	A TWO-STAGE APPROACH FOR SCHEDULING TANDEM QUAY CRANE OPERATIONS (IAME2024#254) Dongyun Kim*; Hideki Hashimoto; Yannan Hu; Minh Ha; Yunhong Min
	SCHEDULING OF VESSELS AND SERVICE PROVIDERS FOR THE PORT CALL OPTIMIZATION (IAME2024_2155) Shahrzad Nikghadam*; Ratnaji Vanga; Jafar Rezaei; Lori Tavasszy

IAME Conference

LOW CARBON BERTH ALLOCATION UNDER UNCERTAINTY (IAME2024#219)

Wei Zhang*; Kai Wang

INLAND WATERWAYS

Wednesday
16:00 – 17:30
Room 2.1.

DYNAMIC SHIP LOCK SCHEDULER FOR WATERWAY NETWORKS (IAME2024#247)

Ruben Fransen*; Thijs Van Der Klauw; Tommaso Mannucci; Johan Van De Pol; Jan De Gier

THE IMPACT OF CRITICAL WATER LEVELS ON CONTAINER INLAND WATERWAY TRANSPORT: EXPLORING CLIMATE CHANGE UNCERTAINTY (IAME2024_2104)

Felipe Bedoya Maya*; Peter Shobayo; Joris Beckers; Edwin Van Hassel

UNDERSTANDING AND DEFINING SUSTAINABLE DEVELOPMENT OF INLAND WATERWAY TRANSPORT: THE MAGDALENA RIVER CASE (IAME2024_2232)

Natalia Lorena Calderón Rivera*; Gordon Wilmsmeier; Fabio Ballini

UNLOCKING EFFICIENCY: A DECOMPOSITION APPROACH FOR TOW PLANS OPTIMIZATION WITHIN INLAND WATERWAYS PORTS (IAME2024_2270)

Aravind Kishore Saravanan; **Arijit De***; Matthew Garrett

HUMAN RESOURCES

Wednesday
16:00 – 17:30
Room 2.2.

INTEGRATING GREEN INTO BLUE WORLD: ADAPTING OF GREEN HUMAN RESOURCES MANAGEMENT PRACTICES TO STCW CERTIFICATION (IAME2024_2254)

Gökçe Çiçek Ceyhun*; Hilal Yildirim Keser

ON-SHORE SEAFARER'S WELLBEING IN ROTTERDAM – OUT OF SIGHT, OUT OF MIND? (IAME2024#246)

Hannah Mosmans*; Maurice Jansen

IMPACT OF SAFETY CLIMATE ON EMPLOYEES' SAFETY BEHAVIOR IN BULK CARGO TERMINAL OPERATIONS - MEDIATING EFFECT OF PSYCHOLOGICAL CONTRACT OF SAFETY (IAME2024#259)

Ching-Chiao Yang*; Long-Xuan Guo

INTRA-GENDER DYNAMICS, CAREER DEVELOPMENT AND PROFESSIONAL EXPERIENCES OF WOMEN WORKING IN SHORE-BASED ROLES IN THE SHIPPING SECTOR (IAME2024_2174)

Ioannis Theotokas*; Aikaterini Oikonomea; Ioannis N. Lagoudis

CLIMATE CHANGE

Wednesday
16:00 – 17:30
Room 2.4.

BILATERAL ENERGY TRADE EVOLUTION UNDER DIFFERENT CLIMATE SCENARIOS (IAME2024#244)

Hesam Naghash*

WEATHER FLUCTUATIONS AND MARITIME SHIPPING: EVIDENCE FROM INDIAN PORTS (IAME2024#240)

Bhuvan Arora*; Anwasha Aditya

PREDICTING THE PANAMA CANAL WATER TIMES WITH INTEGRATED CLIMATE DATA (IAME2024_2279)

Gabriel Fuentes*; Ziaul Munim

IAME Conference

DISRUPTION IN 2023 CONTAINER VESSEL TRAFFIC VIA THE PANAMA CANAL
(IAME2024_2131)

Jean-Claude Thill*; David Guerrero; Carlos Pais-Montes

ENERGY TRANSITION III

Wednesday
16:00 – 17:30
Room 3.1.

TRANSITION TO AN ALTERNATIVE-FUEL TUGBOAT FLEET THROUGH TWO-STAGE ROBUST
OPTIMIZATION MODELING (IAME2024_2141)

Jing Wang*

LOW AND ZERO EMISSIONS SHIPS AND RELATED GREEN TECHNOLOGIES: ASSESSING
THE REAL STATE-OF-THE PLAY (IAME2024_2258)

Riccardo Fava*; Giovanni Satta; Bianca Vottero

RISK ASSESSMENT OF METHANOL SHIP-TO-SHIP BUNKERING OPERATIONS
(IAME2024#275)

Mengyao Yang*; Ming Liu; Jasmine Siu Lee Lam; Clara Kay Leng Ng

ECONOMIC ASSESSMENT OF WIND PROPULSION IN SHIPPING – A HOLISTIC
PERFORMANCE PREDICTION APPROACH APPLIED ON A VLCC WITH WING SAILS
(IAME2024_2250)

Vendela Santén*; Per Wide; Frederik Gerhardt; Gabriele Mazza; Anna Hedén; Sara
Kilicaslan

AN EXPLORATORY ANALYSIS OF THE ENVIRONMENTAL AND ECONOMIC VALUE OF
PREDICTING ARRIVAL TIMES IN INTERNATIONAL SHIPPING (IAME2024_2240)

Thalis Zis*

IAME Conference

THURSDAY 27TH JUNE, Parallel Session 4

AUTOMATIZATION & DIGITALIZATION III

Thursday 08:30 – 10:00 Room 1.1.	BARRIERS TO COMMERCIAL ADOPTION OF AUTONOMOUS SHIPS (IAME2024_2102) Sarah Marie Malmquist*; Ziaul Munim
	MODELLING AUTONOMOUS SHIPPING DIFFUSION BY INLAND SHIPOWNERS: AN AGENT-BASED MODELLING (IAME2024_2117) Dhaneswara Al Amien*; Roberto Rivas Hermann
	REGULATORY CONCERNS ON MASS ADOPTION: INDUSTRY STAKEHOLDER'S PERSPECTIVE (IAME2024_2233) Yiteng Li*
	EXPLORING FEDERATED LEARNING FOR PREDICTIVE MAINTENANCE IN THE MARITIME INDUSTRY: A PROOF-OF-CONCEPT STUDY (IAME2024_2124) Alexandros S. Kalafatelis* ; Alkmini Dailani; Vasiliki Katsirelou; Nikolaos Tsoulakos; Aikaterini Karditsa; Panagiotis Trakadas

ENERGY TRANSITION IV

Thursday 08:30 – 10:00 Room 1.2.	WHY THERE ARE DIFFERENCE IN THE TRANSITION TO LOW AND NEAR ZERO CARBON EMISSION PORTS: A PORT ARCHITYPES PERSPECTIVE (IAME2024_2150) Anas S. Alamoush*; Fabio Ballini
	NAVIGATING THE ENERGY TRANSITION: STAKEHOLDER CONSENSUS BUILDING FOR SUSTAINABLE PORT INNOVATIONS (IAME2024_2166) Rosanne Van Houwelingen; Hannah Mosmans*; Larissa Van Der Lugt
	LIFE CYCLE ASSESSMENT OF WING-IN-GROUND VEHICLES IN PORT OPERATIONS: BRIDGING INNOVATION AND ENVIRONMENTAL SUSTAINABILITY (IAME2024_2224) Jing Wang*
	OPTIMISING LIFE CYCLE COSTS OF CARBON CAPTURE AND STORAGE: INSIGHTS FOR SHIPPING CO2 FROM THE SOLENT REGION (IAME2024_2137) Seyedvahid Vakili*; Lindsay-Marie Armstrong ; Damon A.H. Teagle; Stephen Turnock; Panos Manias
	PORTS AT THE INTERSECTION BETWEEN ENERGY TRANSITION POLICIES AND LOCAL DESIRES OF ECONOMIC REVIVAL. THE CASE OF DUNKIRK, FRANCE (IAME2024_2167) David Guerrero* ; Thibault Boughedada

MARITIME BUSINESS & STRATEGIES II

Thursday 08:30 – 10:00 Room 1.4.	FROM A PORT CENTRIC TO A PORT COMMUNITY MARKETING APPROACH (IAME2024_2170) Clive Azechio Ngueagni*
	CORPORATE COMMUNICATIONS AS A FUNCTION OF STRATEGIC IMPORTANCE FOR SHIPPING COMPANIES (IAME2024_2173) Ilias Bisias; Ioannis Theotokas*
	STAKEHOLDER COMMUNICATIONS AND INVOLMENT IN MARITIME CSR (IAME2024#262) Vappu Kunnaala-Hyrkki; Olli-Pekka Brunila; Tommi Inkinen*

IAME Conference

STRATEGIES TO MITIGATE VOLATILITY IN TANKER SHIPPING (IAME2024_2267)

Jasmine Siu Lee Lam*; Zeyuan Zhao

PORT ENVIRONMENTAL STRATEGIES II

Thursday
08:30 – 10:00
Room 2.1.

TRANSPARENCY AND THE ROLE OF REPORTING IN ENERGY CONSUMPTION AND GHG EMISSIONS IN CONTAINER TERMINALS (IAME2024_2182)

Gustavo Andres Martinez Tello*; Gordon Wilmsmeier; Cristyn Meath

PROPOSAL TO REDUCE CARBON FOOTPRINT THROUGH THE USE OF H2V IN TUGBOATS IN PORTS (IAME2024_2198)

Lorena Bearzotti*; Luciano Nuñez; Maria Isabel Vega; Javier Maturana-Ross

ENVIRONMENTAL CONSIDERATIONS FOR PORT CONCESSION AGREEMENTS (IAME2024#249)

Charalampos Platias*; Constantinos Chlomoudis; Petros Pallis; Virginia Zarakelli

TRENDS IN ENVIRONMENTAL MANAGEMENT IN CRUISE SEAPORTS (IAME2024_2294)

Joanna Kizielewicz*; Katarzyna Skrzyszewska

EDUCATION & TRAINING I

Thursday
08:30 – 10:00
Room 2.2.

A SYSTEMATIC LITERATURE REVIEW ON EDUCATION AND TRAINING ADJUSTMENTS TO THE EMERGING KNOWLEDGE REQUIREMENTS OF SOUTH AFRICAN PORTS & MARITIME WORKERS (IAME2024_2217)

Nomtha Hadi*

MET IN WEB – HOW GAME-BASED LEARNING TOOLS HELPED THE STUDENTS TO ADJUST WHEN EDUCATION WAS TRANSFERRED TO DISTANCE LEARNING DUE TO COVID-19 PANDEMIC (IAME2024_2107)

Peter Ivar Sandell*

UNRAVELING THE LINK BETWEEN STUDENT BACKGROUND AND VOCATIONAL EDUCATION OUTCOMES: A CASE STUDY OF SHIPPING POSTGRADUATE PROGRAMME IN HONG KONG (IAME2024_2172)

Xinrong Huang; Dong Yang*; Judy Tong

PERFORMANCE ASSESSMENT IN MARITIME SIMULATION TRAINING USING DYNAMIC TIME WARPING (DTW) CLASSIFIER (IAME2024_2266)

Ziaul Munim*; Tae-Eun Kim; Robert Grundmann; Hans Joachim Schramm

RESILIENCE

Thursday
08:30 – 10:00
Room 2.4.

DECONSTRUCTION AND RESILIENCE ANALYSIS OF THE LNG SHIPPING NETWORK: A DATA-DRIVEN APPROACH (IAME2024_2197)

Mingzheng Liu*; Kee-hung Lai; Christina W. Y. Wong

ASSESSING AND ENHANCING RESILIENCE OF PORT ENTERPRISES USING A MULTI-DIMENSIONAL DYNAMIC BAYESIAN NETWORK MODEL (IAME2024#216)

Nanxi Wang*; Kum Fai Yuen

RESILIENCE ASSESSMENT OF SEA LINES OF COMMUNICATION USING FUZZY EVIDENTIAL REASONING APPROACH (IAME2024#230)

Hanwen Fan*; Haiying Jia; Jing Lyu; Xiaoxing Gong



IAME Conference

RESILIENCE ANALYSIS OF PORT CONTAINER RAIL TRANSPORT NETWORK BASED ON
VARIOUS METEOROLOGICAL DISASTERS (IAME2024_2103)

Zongjie Ding; Tianni Wang; Ching Pong Poo; Yui-yip Lau; Chia-Hsun Chang; **Adolf K.Y.
Ng***

IAME Conference

THURSDAY 27TH JUNE, Parallel Session 5

AUTOMATIZATION & DIGITALIZATION IV

Thursday 11:45 – 13:15 Room 1.1.	ASSESSING THE INFLUENCE OF DIGITALIZATION ON MARINE ACCIDENTS: A CASE STUDY OF A BULK CARRIER SHIPPING COMPANY (IAME2024_2193) Nikolaos Tsoulakos*; Angelos Pantouvakis; Konstantinos Zervoudakis
	APPLYING DIGITAL RESOURCES AND INNOVATION IN THE MARITIME INDUSTRY TO BUILD SUSTAINABLE PERFORMANCE (IAME2024#227) Celine Chua*; Xue Li; Kum Fai Yuen
	STUDY ON THE RISK OF MARITIME AUTONOMOUS SURFACE SHIP IN THE SHIPPING CONTEXT (IAME2024_2204) Nimra Tabish; Chaur Luh Tsai*
	COLREG AND AUTONOMOUS COLLISION AVOIDANCE DEVELOPMENT: AN ANALYTICAL REVIEW (IAME2024#266) Chia-Hsun Chang* ; Isuru Bandara Wijeratne; Christos Kontovas; Zaili Yang; Chi-Chang Lin; Shuen-Tai Ung

SUSTAINABLE STRATEGIES II

Thursday 11:45 – 13:15 Room 1.2.	FROM BLUE ECONOMY TO BLUE GOVERNANCE: ADVANCED DATA MANAGEMENT TOOLS FOR SUSTAINABLE OCEAN MANAGEMENT (IAME2024_2278) Miluse Tichavska; Eleni Tsili*; Konstantina Bereta; Juan Calvo; Marcial Bardolet
	SOLUTIONS TO OVERCOME BARRIERS FOR SUSTAINABLE DEVELOPMENT OF INLAND WATERWAY TRANSPORT IN COLOMBIA: THE MAGDALENA RIVER CASE (IAME2024_2231) Natalia Lorena Calderón Rivera*; Fabio Ballini; Inga Bartuseviciene
	LEGAL ISSUES AND PRACTICAL SOLUTIONS TOWARDS THE ESTABLISHMENT OF SHIP RECYCLING AS A SUSTAINABLE OPTION FOR SHIP DISMANTLING (IAME2024_2292) Michael Boviatsis; Kallistheni Kountouri*; Thalys Zis
	A SYSTEMATIC LITERATURE REVIEW APPROACHES TOWARDS SUSTAINABLE PORTS IN THE GULF: A FOCUS ON SAUDI ARABIA AND UAE (IAME2024#28) Osayd Helal* ; Jane Haider; Jean-Paul Skeete; Sehwa Lim

GEOPOLITICS II

Thursday 11:45 – 13:15 Room 1.4.	COMPUTATION GENERAL EQUILIBRIUM MODEL WITH MARITIME ROUTE CHOICE (IAME2024_2239) Trang Tran*; Ryuichi Shibasaki
	MITIGATING SUPPLY DEFICITS: A NETWORK FLOW ANALYSIS OF GLOBAL NATURAL GAS TRADE DYNAMICS IN RESPONSE TO RUSSIAN GAS EXPORT REDUCTIONS (IAME2024#217) Josh Kirk*; Evgenia Passari; Washington Ochieng; Panagiotis Angeloudis
	CAUGHT IN A GEOPOLITICAL STORM: PORT GOVERNANCE & INVESTMENT SCREENING IN THE EU (IAME2024_2162) Floor Doppen*; Theo Notteboom; Dirk De Bievre

IAME Conference

THE IMPACT OF GEOPOLITICS ON INTERNATIONAL SEABORNE TRADE: THE CASE OF RUSSIA-UKRAINE WAR (IAME2024#277)

Zhenming Wu*; Haiying Jia

LOGISTICS AND SUPPLY CHAIN II

Thursday
11:45 – 13:15
Room 2.1.

GRAIN FROM THE U.S. EAST COAST TO ASIA: HYPOTHESIZING THE PRINCIPAL FACTORS IMPACTING GRAIN TRAFFIC THROUGH THE PANAMA CANAL AND FUTURE POLICY IMPLICATIONS (IAME2024_2151)

Javier Ho*

USING FUZZY DEMATEL- BASED ANP TECHNIQUE TO IDENTIFY THE CRITICAL FACTORS INFLUENCING LOGISTICS SERVICE QUALITY OF CROSS-BORDER E-COMMERCE (IAME2024_2129)

Jingci Xie*; Yipeng Wang; Peng Jiang; Mengyu Chu; Rui Chi

MEGATRENDS FOR SOUTH AFRICA'S OCEAN ECONOMY AND HOW THEY RELATE TO THE PORT AND SHIPPING INDUSTRY (IAME2024_2212)

Nomtha Hadi*

LANDSIDE SHIPPING TIMES, UNCERTAINTY, AND PORT CHOICE PATTERNS: EVIDENCE FROM SOUTHERN AFRICAN EXPORT SHIPMENTS (IAME2024#256)

Paul Jung*; Jean-Claude Thill; Martin Humphreys; Behnam Nikparvar

MARITIME & PORT CONNECTIVITY II

Thursday
11:45 – 13:15
Room 2.2.

A DISAGGREGATED APPROACH TO PORT CONNECTIVITY EFFICIENCY ANALYSIS OF THE SPANISH PORT INDUSTRY (IAME2024_2276)

Andrea Rodríguez*; Aythami Santana; Casiano Manrique De Lara; Lourdes Trujillo*

DETERMINANTS OF PORT CONNECTIVITY FOR TRANSSHIPMENT HUBS: A SPANISH PORT SYSTEM APPLICATION (IAME2024_2206)

Christina Myriouni*; Julian Martinez Moya; Vicente Pallardo

THE BILATERAL PORT CONNECTIVITY INDEX (BPCI) TO IDENTIFY CHANGES ON THE MARITIME TRANSPORT NETWORK (MTN): AN ANALYSIS OF CO-OCCURRENCES APPLIED TO THE MOVEMENTS OF SHIPS (IAME2024_2216)

Aythami Santana*; Casiano Manrique De Lara; Lourdes Trujillo

DETERMINANTS OF PORT CONNECTIVITY: THE ROLE OF HINTERLAND ECONOMIC SIZE AND SPATIAL SPILLOVERS IN EUROPEAN PORTS (IAME2024_2138)

Gabriel Oliveira*

PORT PERFORMANCE & EFFICIENCY II

Thursday
11:45 – 13:15
Room 2.4.

INNOVATION SYSTEM AND PORT SERVICES OPTIMIZATION: THE CASE OF PORTS OF LISBON AND SETÚBAL (IAME2024#239)

Vitor Caldeirinha; José Augusto Felício; Peter De Langen*; Isabel Moura Ramos

SYNCROLIFT DOCK SCHEDULING UNDER SHIP ARRIVAL AND MAINTENANCE SERVICE TIME UNCERTAINTY (IAME2024#274)

Mengtong Wang*; Shengnan Shu

VALUE CREATION IN PORT TERMINAL OPERATIONS: A SYSTEM DYNAMICS APPROACH (IAME2024_2186)

Andri Mubarak*; Satya Sahoo; Dong-Wook Song



IAME Conference

HIERARCHY AND MOBILITY IN THE LATIN AMERICA AND THE CARIBBEAN (LAC)
CONTAINER PORT SYSTEM (IAME2024_2176)

Eliana P. Barleta; **Thanos Pallis***

IAME Conference

THURSDAY 27TH JUNE, Parallel Session 6

ENERGY TRANSITION V

Thursday 15:00 – 16:30 Room 1.1.	A SYSTEMATIC LITERATURE REVIEW ON MARITIME EMISSION CONTROL AREAS (IAME2024_2115) Alice Thébault Guët*; Jason Monios; Pierre Cariou
	ASSESSING THE IMPLICATIONS OF EU ETS ON TANKER VESSELS' CHARTERING AND EMPLOYABILITY PROSPECTS WITH A FOCUS ON THE USE OF FORECASTING TOOLS (IAME2024_2161) Nikolaos Grapsas*
	A NEURAL-ENHANCED MODEL FOR ASSESSING MARITIME SUPPLY CHAIN RESILIENCE UNDER CLIMATE CHANGE (IAME2024#29) Tina Ziting Xu*; Yufeng Lin; K.Y. Adolf Ng
	ASSESSING NEW PROPULSION TECHNOLOGIES: THE CASE OF WIND ASSISTED VESSELS (IAME2024_2245) Alessio Tei; Armand Djoumessi* ; Vendela Santén; Per Wide; Claudio Ferrari

MARITIME POLICY

Thursday 15:00 – 16:30 Room 1.2.	SHIPPING ECOSYSTEM: CONCEPT AND POLICY IMPLICATIONS (IAME2024_2118) Dong Yang*; Lingye Zhang; Kee-hung Lai
	MULTIDIMENSIONAL CAPACITY MANAGEMENT AND STRATEGIES IN- AND OUTSIDE CONTAINER SHIPPING ALLIANCES: A COMPARATIVE CASE ASSESSMENT (IAME2024_2230) Richard Borggreve*; Gordon Wilmsmeier
	ON THE EMISSION TAX FOR SHIPPING: CONSIDERING THE NORTHERN SEA ROUTE (IAME2024_2223) Wenyi Ding*; Ryuichi Shibasaki
	GREEK FLAGGED FLEET: RESEARCH ON SHIP RISK PROFILE (IAME2024_2282) Maria Lekakou*; Dimitrios Lorentzos
	GLOBAL STRATEGIC ALLIANCES: AN ATTEMPTED DEFINITION TOWARDS A NEW POLICY FRAMEWORK (IAME2024_2260) Laurent Fedi; Alexandre Lavissière* ; Philippe Corruble

PORT GOVERNANCE I

Thursday 15:00 – 16:30 Room 1.4.	WHOLE-OF-GOVERNMENT APPROACH IN DEVELOPING MARITIME ECOSYSTEMS: CASE OF SINGAPORE (IAME2024#218) Wei Yim Yap*; Tsz Leung Yip; Zengqi Xiao
	THE INITIATIVE OF SEAPORT ALLIANCES THROUGH INLAND PORTS: EVALUATION ON PROSPECTS AND IMPLICATIONS (IAME2024_297) Jagan Jeevan; Nurul Haqimin Mohd Salleh*; Mohamad Rosni Othman
	EXAMINING THE IMPACT OF PORT SERVICE QUALITY ON CUSTOMER SATISFACTION: THE CASE OF CLEARING & FORWARDING AGENTS IN KUWAIT PORTS (IAME2024_2145) Ahmed Alsalfiti*; Theo Notteboom

IAME Conference

A SYSTEMATIC REVIEW USING THE PRISMA ALGORITHM FOR EXPLORING PORT CONCESSION AGREEMENTS AND SUSTAINABILITY (IAME2024_2189)

Theodore Styliadis; Tozidis Markos

ADAPTING A GOVERNANCE, RISK AND COMPLIANCE FRAMEWORK IN THE PORT SECTOR. CASE STUDY: PORT AUTHORITY OF VALENCIA, SPAIN (IAME2024_2242)

Juan Manuel Díez Orejas*; Isabel Romero Cairols; Paula C. Cloquell Santamarina

SHIPPING FINANCE II

Thursday
15:00 – 16:30
Room 2.1.

GEOSPATIAL ANALYSIS OF VESSEL ACTIVITY USING FIXTURES AND AIS DATA (IAME2024_2127)

Rex, Ren Xiang Lee*

STRATEGIC INVESTMENTS: HOW LINER SHIPPING COMPANIES DEPLOY CAPITAL IN THE AFTERMATH OF UNFORESEEN CHALLENGES (IAME2024_2249)

Efthymios Roumpis*; George Vaggelas; Michael Tsatsaronis

PHENOMENON OF CONTRIBUTOR FACTOR ON PREMIUM FORMULATION FOR INDONESIA PASSANGER VESSEL INSURANCE (IAME2024#270)

Sridhani Pamungkas*; Raja Oloan Saut Gurning; Dhimas Widhi Handani

THE IMPACT OF INCOMPLETE INFORMATION ON BARGAINING EFFICIENCY: A MECHANISM DESIGN APPROACH ON CONTAINER TIME CHARTER FREIGHT MARKET (IAME2024_2203)

Jaeung Cha*; Satya Sahoo; Chi Yeol Kim

UNDERSTANDING THE DYNAMICS OF VESSEL PRICING AND INVESTOR BEHAVIOR IN THE SHIPPING INDUSTRY (IAME2024_2180)

Michael Tsatsaronis*; Ted Syriopoulos; Efthymios Roumpis; Christos Tsitsakis

BULK SHIPPING II

Thursday
15:00 – 16:30
Room 2.2.

GLOBAL ROUTE AND VESSEL SIZE CHOICE MODELING FOR TANKERS TRANSITING THE SUEZ CANAL BASED ON AIS DATA (IAME2024_2179)

Chai Liluxin*; Trang Thi Thu Tran; Ryuichi Shibasaki

RISK MEASUREMENT AND PORTFOLIO OPTIMIZATION BASED ON RELATIVELY ROBUST CVAR (IAME2024_2152)

Xiaolin Sun*; Xiaoshuang Mo

THE IMPACT OF ETFS IN THE FREIGHT MARKET VOLATILITY (IAME2024#241)

Kelly Gerakoudi; Dimitrios Georgoulas*; Peter Stavroulakis

MACROECONOMIC DETERMINANTS OF THE DRY BULK SHIPPING FREIGHT MARKET: EVIDENCE FROM FACTOR-AUGMENTED VAR ANALYSIS (IAME2024_2284)

Maria Giamouzi*; Nikos Nomikos

SAFETY & SECURITY

Thursday
15:00 – 16:30
Room 2.4.

DATA-DRIVEN FEATURE SELECTION FOR PREDICTING MARITIME INCIDENT LIKELIHOOD (IAME2024_283)

Tianyi Chen*; Yutong Cai; Maohan Liang; Meng Qiang

A NOVEL OBJECT-ORIENTED BAYESIAN NETWORK ON RISK ASSESSMENT OF SEA LANES OF COMMUNICATION (IAME2024_2156)



IAME Conference

Hanwen Fan*; Jing Lyu; Zheng Chang; Xuzhuo He

DYNAMIC EVOLUTION OF MARITIME ACCIDENTS: COMPARATIVE ANALYSIS THROUGH DATA-DRIVEN BAYESIAN NETWORKS (IAME2024#250)

Huanhuan Li*; Zaili Yang

AN ENSEMBLE METHOD FOR PREDICTING POLLUTION OCCURRENCE RESULTING FROM MARITIME CASUALTIES: DATA AUGMENTATION AND FEATURE ANALYSIS (IAME2024#224)

Duowei Li*; Kum Fai Yuen

EXPLORING THE RELATIONSHIP BETWEEN INCIDENTS, PORT INTEGRITY AND PORT ENVIRONMENT VARIABLES (IAME2024_2256)

Ana Cristina Ocampo*; Gordon Wilmsmeier; Thanos Pallis; Flora Caia; Martin Benderson

IAME Conference

THURSDAY 27TH JUNE, Parallel Session 7

AUTOMATIZATION & DIGITALIZATION V

Thursday 17:00 – 18:30 Room 1.1.	ROBUSTNESS COMPARISON OF GOODNESS OF FIT TESTS FOR ANOMALOUS TIME DISTRIBUTION IN A CONTAINER TERMINAL (IAME2024_287) Hwaseop Lee*; Ah-Hyun Jo; Seong-Hyun Cho; Young-Tae Chang
	IMPROVING TRANSPORTER-TERMINAL COMMUNICATION THROUGH TRUCK TURNAROUND TIME PREDICTION (IAME2024_2148) Diana Abinader*; Mohammed Alkharaz; Taki Eddine Korabi; Nabil Absi; Dominique Feillet; Thierry Garaix
	AI-DRIVEN CO2 FOOTPRINT PREDICTION FOR MULTIMODAL TRANSPORT (IAME2024_2261) Joan Meseguer Llopis*; Marina Arroyo Bovea; Josep Sanz Argent
	A Q-LEARNING FOR THE CONTAINER RELOCATION PROBLEM (IAME2024_2280) Liqun Liu; Yuanjun Feng*

SUSTAINABLE STRATEGIES III

Thursday 17:00 – 18:30 Room 1.2.	MOVEMENT ANALYTICS FOR MARITIME TRANSPORTATION AND CO2 EMISSION (IAME2024_2208) Jinho Nam*; Paul Jung
	SHIP FUEL EFFICIENCY ESTIMATION CONSIDERING SULFUR EMISSION REGULATION: DATA FUSION AND MACHINE LEARNING APPROACH (IAME2024#214) Sang-Jeong Lee*; Chaoyu Gong; Yang You; Qiang Meng
	THE INFLUENCE OF MARKET CONDITIONS ON THE BUSINESS CASE OF WIND-POWERED SHIPPING – EXAMPLES FROM THE RO-RO MARKET (IAME2024_2257) Vendela Santén*; Sara Rogerson; Ceren Altuntas Vural; Christian Finnsgård; Åsa Kärnebro

PORT ENVIRONMENTAL STRATEGIES III

Thursday 17:00 – 18:30 Room 1.4.	CIRCULAR TRANSITION IN PORT CLUSTERS: THE IMPACT ON HUMAN RESOURCES (IAME2024_2178) Lynn Faut*; Mychal Langenus; Elvira Haezendock
	SUSTAINABILITY IN ISLAND WASTE TRANSPORTATION (IAME2024_2169) Javier Maturana-Ross*; Lorena Bearzotti; Franco Basso
	CIRCULAR DEVELOPMENTS OF MARITIME INDUSTRIAL PORTS IN EUROPE: A SEMI-SYSTEMATIC REVIEW OF THE CURRENT SITUATION (IAME2024_2108) Julian Barona; Fabio Ballini; Monica Canepa*
	CIRCULARITY IN PORTS AND MARITIME SUPPLY CHAINS: SETTING A RESEARCH AGENDA (IAME2024_2277) The Notteboom; Thanos Pallis* ; Jean Paul Rodrigue

PORT & HINTERLAND

Thursday 17:00 – 18:30	THE ROLE OF LOGISTIC-PORT CLUSTERS AND TERRITORIAL DEVELOPMENT IN TWO KEY CITIES IN THE MARITIME-COASTAL ZONES OF COLOMBIA (IAME2024_292)
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IAME Conference

Room 2.1.

Leonardo Holguín-Muñoz*; Juan Ramón Gallego Bono

STUDYING SUPPLY CHAIN ACTORS' DECISIONS TO IMPLEMENT SYNCHROMODALITY IN FLANDERS (IAME2024_2160)

Mylena Cristine Rodrigues De Jesus*; Edwin Van Hassel; Thierry Vanelslander

THE RELATIONSHIP BETWEEN MARITIME NETWORK FEATURES AND REGIONAL ECONOMY: A GLOBAL ANALYSIS (IAME2024_2147)

Yasuto Nakaniwa*; Hoshi Tagawa; Tomoya Kawasaki; Hironori Kato

SOCIAL LICENSE TO OPERATE FOR PORTS: FACTORS DETERMINING SOCIAL ACCEPTANCE AMONG LOCAL COMMUNITY STAKEHOLDERS (IAME2024_2164)

Bruno Moeremans*; Michael Dooms**SHIPPING MARKET TRENDS****Thursday**
17:00 – 18:30
Room 2.2.

A STUDY ON STOCHASTIC FLUCUATIONS IN SHIPPING FREIGHT RATE (IAME2024_286)

Masahiro Ishii*; Motokazu Ishizaka; Koichiro Tezuka

UNDERSTANDING FREIGHT RATE DYNAMICS THROUGH THE ANALYSIS OF SUPPLY-DEMAND DETERMINANTS IN THE MARITIME INDUSTRY. INSIGHTS FROM THE VALENCIA CONTAINERISED FREIGHT INDEX (VCFI) (IAME2024_2286)

Amparo Mestre*; Eva Pérez; Aida Mora; María Soler de Dios

FORECASTING BUNKER PRICE USING DEEP LEARNING AND DIMENSIONALITY REDUCTION (IAME2024#257)

Samer Hassan Okasha Muhammed*; Yujiro Wada; Ryuichi Shibasaki

MEASURING THE IMPACT OF PORT CONGESTION ON CONTAINERSHIP FREIGHT RATES (IAME2024#211)

Nektarios A. Michail; Konstantinos D. Melas*

PERFORMANCE CLAUSES IN CHARTERPARTIES – A PRINCIPAL-AGENT PROBLEM (IAME2024_2101)

Roar Adland*; Haiying Jia; Johan Drægebø; Mathias Vindal**AUTOMATIZATION & DIGITALIZATION VI****Thursday**
17:00 – 18:30
Room 2.4.

INLAND WATERWAY FREIGHT DEMAND FORECASTING WITH SPATIO-TEMPORAL DYNAMIC GRAPH ATTENTION-BASED MULTI ATTENTION MODEL (IAME2024_2207)

Lingyu Zhang*; Qing Liu

INTEGRATING VESSEL SLOT ALLOCATION AND CONTAINER SUPPLY REPOSITIONING PLANNING WITH COLUMN-GENERATION ALGORITHM UNDER UNCERTAIN DEMAND (IAME2024_2291)

Eugene Wong*; Kev Ling; Jasmine Siu Lee Lam

BLOCKCHAIN TECHNOLOGY AND LOAN MONITORING IN THE SHIPPING INDUSTRY (IAME2024_2113)

Nikos Nomikos*; Ioannis Moutzouris

IAME Conference

FRIDAY 28TH JUNE, Parallel Session 8

AUTOMATIZATION & DIGITALIZATION VII

Friday 09:00 – 10:30 Room 1.1.	DETERMINANTS INFLUENCING TECHNOLOGY ADOPTION IN MARITIME SUPPLY CHAIN: THE ROLE OF HUMAN-RELATED INTERDEPENDENCIES (IAME2024_2121) Lorenzo Franchi*; Thierry Vanelslander; Valentin Carlan; Wouter Van Bockhaven
	THE IMPACT OF BLOCKCHAIN NETWORKS ON INFORMATION PROVISION IN MARITIME LOGISTICS (IAME2024_2209) Hong Sun*
	DESIGNING AN ASSESSMENT MODEL FOR IMPLEMENTING AI SOLUTIONS IN PORT AND SHIPPING INDUSTRIES (IAME2024#231) Mehran Farzadmehr*; Valentin Carlan; Thierry Vanelslander
	MARITIME AI SOCIALIZATION: EXPLORING THE IMPACT OF DIGITAL ENABLERS ON HUMAN-AI COLLABORATION AND SERVICE AND PROCESS INNOVATION (IAME2024_2143) Min Wu* ; Tsai Nien En; Le Yi Koh; Kum Fai Yuen

ENERGY TRANSITION VI

Friday 09:00 – 10:30 Room 1.2.	THE MARITIME SECTOR IN THE DISCUSSIONS ON CLIMATE CHANGE MITIGATION (IAME2024_298) Ana Paula Harumi Higa*
	DOES IT PAY TO BE GREEN? INVESTIGATING ALTERNATIVE FUEL PREMIUM IN VESSEL VALUE USING MACHINE LEARNING (IAME2024_#278) Vegard Enerstvedt*
	STUDY ON THE ALTERNATIVE FUELS AND A HOLISTIC SUSTAINABLE ENVIRONMENTAL SOLUTION (IAME2024_2119) Majid Ali*; Chaur Luh Tsai
	MODERNIZING THE GREEK PASSENGER SHIPPING INDUSTRY: FLEET RENEWAL, ENVIRONMENTAL CHALLENGES, AND MARKET DYNAMICS (IAME2024_2153) Dimitris Gavalas; Manos Charitos; Ilias Bisias; Maria Lekakou*

SUSTAINABLE STRATEGIES IV

Friday 09:00 – 10:30 Room 1.4.	A STUDY ON GREEN CULTURE – THE DRIVERS AND IMPACT (IAME2024_2181) Hong Yi Lim*; Kum Fai Yuen
	IDENTIFICATION AND ANALYSIS OF SUSTAINABILITY DRIVERS IN LINER SHIPPING: A DEMATEL APPROACH (IAME2024_2109) Junseung Kim; Stavros Karamperidis*; Lijun Tang; Saeyeon Roh
	THE ROLE OF SHIPPING IN EMISSION REDUCTIONS OF A MULTIMODAL TRANSPORT CHAIN (IAME2024_2110) Tomi Solakivi*; Antti Saurama; Junya Otani
	EXPLORATION OF CURRENT PRACTICES AND INFLUENTIAL FACTORS OF GREEN SHIPBUILDING AND SHIP REPAIR INDUSTRY IN MALAYSIA (IAME2024_296) Nurul Haqimin Mohd Salleh* ; Mohamad Danial Farhan Zainuddin; Jagan Jeevan; Suhaiza Zailani

IAME Conference

GEOPOLITICS III

Friday
09:00 – 10:30
Room 2.1.

NAVIGATING THE ARCTIC: THE INTERPLAY OF ECONOMIC, GEOPOLITICAL, AND ENVIRONMENTAL FACTORS IN ARCTIC SHIPPING (IAME2024_2234)

Anastasia Ganelli*; Georgios Kokosalakis; Ergjina Veizi

THE EFFECT OF ECONOMIC POLICY UNCERTAINTY AND GEOPOLITICS ON LNG FREIGHT RATES ACROSS DIFFERENT MARKET CONDITIONS (IAME2024#252)

Christos Bentsos*; Dionysios Polemis

ENHANCING THE ROLE OF FLAG STATES AND PORT STATES IN DECARBONISING THE MARITIME TRANSPORT SECTOR: STRATEGIES FOR DEVELOPING COUNTRIES (IAME2024_284)

Wegit Triantoro*; John Mangan; Katharine Rietig

MARITIME TERRORISM RISK ANALYSIS THROUGH A DATA-DRIVEN BAYESIAN NETWORK APPROACH (IAME2024#267)

Massoud Mohsendokhtamlashi; Huanhuan Li; **Christos Kontovas***; Chia-Hsun Chang; Zaili Yang

MARITIME BUSINESS & STRATEGIES III

Friday
09:00 – 10:30
Room 2.2.

EVALUATING THE IMPACT OF ENERGY EFFICIENCY ON TIME CHARTER RATES OF CONTAINER SHIPS (IAME2024_2112)

Dimitrios Georgoudakis*; Christa Sys; Edwin Van Hassel; Ted Syriopoulos

EXPLORING LEGITIMACY OF MARITIME FIRMS: IMPLICATIONS FOR INNOVATION (IAME2024_2154)

Maria Cristina Pietronudo*; Michele Acciaro; Marco Ferretti; Marcello Risitano

PRICE DISCRIMINATION AGAINST FREIGHT FORWARDERS IN CONTAINER SHIPPING (IAME2024_2190)

Haiying Jia*; Pierre Cariou; François-Charles Wolff

OPTIMIZING PROFITS AT SEA: A COMPREHENSIVE INVESTIGATION OF DYNAMIC PRICING'S IMPACT ON LINER SHIPPING REVENUE MANAGEMENT (IAME2024_2235)

Ankita Ray; Arijit De*

A CONCEPTUAL APPROACH TO THE MAIN CHALLENGES OF THE MARITIME SECTOR (IAME2024_2139)

Lorena Garcia-Alonso*; Fernando González Laxe; Ricardo Sánchez

PORT PERFORMANCE & EFFICIENCY III

Friday
09:00 – 10:30
Room 2.4.

MODELING VESSEL WAITING BEHAVIORS IN PORT SYSTEMS: ADDRESSING HETEROGENEITY AND FLEXIBLE SERVER ALLOCATION (IAME2024_2106)

Ah-Hyun Jo*; Hwaseop Lee; Seong-Hyun Cho; Young-Tae Chang

OPTIMIZING THE SEQUENCE OF SHIP OPERATIONS CONSIDERING DUAL CYCLING AND DETAIL CYCLE TIME (IAME2024_2205)

Baolin Wen*; Xuehao Feng; Kap-Hwan Kim

PORT CONGESTION AND BERTHING PRIORITY: EMPIRICAL EVIDENCE FROM GLOBAL VESSEL DELAY DATA (IAME2024_2111)

Chengkun Li*; Dong Yang; Sarah Yulai Wan; Xiwen Bai



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IAME Conference

ANALYSING THE FEASIBILITY OF FLOATING CONTAINER PORTS IN MARITIME SUPPLY CHAINS (IAME2024_2165)

Martin Svanberg; **Alessio Tei***; Zeeshan Raza
