



Conference Programme

**Annual Conference of the International
Association of Maritime Economists**

27 - 30 June 2017, Kyoto, Japan



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Greetings from the IAME President

Dear IAME 2017 Participant,

On its 25th anniversary, the International Association of Maritime Economists is honoured and happy to hold its annual conference in Kyoto.

An IAME conference in Japan was long overdue, and I want to personally thank the entire IAME Kyoto team for having submitted their offer and proposal at our IAME conference in 2015 – and more than fully delivering on it two years later, today in 2017. The organising team of IAME 2017 has put together a tremendous programme, both in terms of substance, as well as in terms of logistics and networking opportunities.

Our association celebrates twenty-five years of service to a community of researchers and practitioners in port and shipping economics. With two associated maritime journals, numerous networking tools, and our annual global conference, IAME has shown to be the premier association for those of us who are passionate about research and teaching in maritime economics.

On its 25th anniversary, our conference this year includes a number of special sessions to celebrate our first quarter-century. We will also hold a commemorative session in memory of the late Prof. Richard Goss and late Prof. Ross Robinson, who have made invaluable contributions to our association.

Next year, in 2018, IAME will hold its annual conference in Mombasa – the first time we meet on the African continent and another reflection of the truly global nature of maritime transport and our association.

With best wishes for a successful conference,



Dr. Jan HOFFMANN

IAME President; UNCTAD, Switzerland



IAME Council

Prof. Dr. Michele ACCIARO

Kühne Logistics University,
Germany

Prof. Dr. Michaël DOOMS

University of Brussels, Belgium

Prof. Dr. Okan DURU

Nanyang Technological University,
Singapore

Prof. Dr. Jasmine LAM

Nanyang Technological University,
Singapore

Prof. Dr. Paul T-W LEE

RMIT University, Melbourne
Australia

Prof. Dr. Venus LUN

Hong Kong Polytechnic University

Prof. Dr. Francesco PAROLA

University of Genoa, Italy

Prof. Dr. Dong-Wook SONG

World Maritime University,
Sweden

Prof. Dr. Ilias VISVIKIS

World Maritime University,
Sweden

Dr. Thomas VITSOUNIS

Australia

Prof. Dr. Masato SHINOHARA

The University of Fukuchiyama /
Kyoto University, Japan

Prof. Dr. Theo NOTTEBOOM

Emeritus President; University of
Antwerp

About IAME & the Conference

The International Association of Maritime Economists (IAME) was established in 1992 and has now become the most prominent academic society of scholars with an interest in maritime economics, which includes ports, shipping and hinterland transport. IAME members come from a variety of research backgrounds, primarily economics and management, but also from logistics, finance, engineering, sociology etc.

The main event of the Association is its Annual Conference, which is held in various places and brings together researchers and professionals from all over the world. The IAME Annual Conference is an opportunity for the academics to meet and discuss current research topics and contribute to the development of maritime economics and management disciplines.

The conference takes place in Japan for the first time. It is with great pleasure that the organiser of IAME 2017 welcome the members of the IAME to the world tourist city of Kyoto. The conference host is Graduate School of Management, Kyoto University. It is also notable that we celebrate the 25th anniversary of the establishment of IAME this year. The members of the Organising Committee are determined to offer an ideal environment for the success of the conference in this commemorative year, as well as to offer the participants superb opportunities to see and experience Japanese culture, architectures, foods, fashion etc.

Organising Committees

Prof. Dr. Masato SHINOHARA

Conference Chair; Professor, the University of Fukuchiyama, Japan / Adjunct Professor of Kyoto University, Japan

Prof. Dr. Masahiko FURUICHI

Conference Co-chair and Chair of Local Organising Committee; Graduate School of Management, Kyoto University, Japan

Prof. Dr. Theo NOTTEBOOM

External Advisor and 25th Anniversary Session Chair; Professor, Shanghai Maritime University / University of Antwerp / Ghent University

Prof. Dr. Shunsuke SEGI

Vice Chair of Local Organising Committee; Assistant Professor of Graduate School of Engineering, Kyoto University, Japan

Prof. Dr. Kazuhiko ISHIGURO

Chair of the ISSC; Associate Professor, Graduate School of Maritime Sciences, Kobe University, Japan

Prof. Dr. Okan DURU

Vice Chair of the ISSC; Assistant Professor, Nanyang Technological University, Singapore

Prof. Dr. Tomoya KAWASAKI

Vice Chair of the ISSC; Assistant Professor of School of Environment and Society, Tokyo Institute of Technology, Japan

Prof. Dr. Ryuichi SHIBASAKI

Vice Chair of the ISSC; Associate Professor, Graduate School of Engineering, the University of Tokyo, Japan

Prof. Motohisa ABE

Professor, Arctic Research Center, Hokkaido University

Prof. Dr. Hiroko AMENO

Professor, Faculty of Commerce, Kansai University

Prof. Keiji HABARA

Professor, Faculty of Policy Studies, Kansai University

Prof. Hiroshi HOSHINO

Professor, Faculty of Economics, Kyushu University

Prof. Dr. Masahiro ISHII

Professor, Faculty of Economics, Sophia University

Prof. Dr. Hidekazu ITO

Professor, School of Business Administration, Kwansei Gakuin University

Mr. Takuma MATSUDA

Researcher, Japan Maritime Center

Prof. Dr. Akira OKADA

Associate Professor, Faculty of Environmental and Information Studies, Tokyo City University

Mr. Masaharu SHINOHARA

Director, Kobe-Osaka International Port Corporation

Prof. Dr. Koichiro TEZUKA

Professor, College of Economics, Nihon University

Prof. Dr. Daisuke WATANABE

Associate Professor, Faculty of Marine Technology, Tokyo University of Marine Science and Technology

Prof. Dr. Yutaka YAMAMOTO

Professor, Faculty of Business Administration, the University of Nagasaki

Partners

Host and organizer



Graduate School of Management, Kyoto University

Kyoto University is a national university of Japan, located in Kyoto. It is the second oldest Japanese university founded in 1897 and is one of the most famed universities in Asia. Kyoto University places an importance on the autonomous and independent spirit and critical discussions. It has produced internationally renowned researchers, including ten Nobel Prize laureates, two Fields medallists and one Gauss Prize.

Supporters



Kobe-Osaka International Port Corporation



Nippon Kaiji Kyokai



Japan Maritime Center



The Japanese Shipowners' Association (JSA)



Mitsui O.S.K. Lines



Yamagata Maritime Institute



Kyoto Convention Bureau (Kyoto City)

The program is supported by a subsidy from Kyoto City and the Kyoto Convention & Visitors Bureau.



The Ports and Harbours Association of Japan

The Ports and Harbours Association of Japan (PHAJ)

Waterfront Vitalization and Environment Research Foundation



Waterfront Vitalization and Environment Research Foundation (WAVE)

Japan Society of Logistics and Shipping Economics

Japan Society of Logistics and Shipping Economics

Greetings from the IAME 2017 Conference Chair

Dear IAME 2017 Participants,

It is our great pleasure to host IAME 2017 in Kyoto, the well-recognised historical city and world's centre of tourism. I am proud that I was born and grew up in this city, and having been the resident again since last year. The choice of Kyoto as the IAME conference venue was partly due to this reason, but it would not have been possible without a great support from Kyoto University and the colleagues on the Local Organising Committee.

Since we were appointed the conference organiser at the Kuala Lumpur conference in 2015, our precise preparation has been continued such as in financing, budgeting, venue reservation, speaker appointment, website building, paper reviewing, registration, and gala dinner and port tour arrangement. You will perhaps be surprised at the preciseness of work and the hospitality we are extending to you. This was done by the renowned Japanese management method, which is represented by "teamwork".

As our study area is "maritime", we combined Kyoto, as the conference venue, with the tour to the Port of Kobe and Osaka for your interest. The port is a unique example of privatisation strategy combining two ports for management by creating a new private company, while the ownership of the ports remaining in the hand of each municipality.

Japan has a large maritime cluster, but the practitioners in the industry are not outspoken enough traditionally, which results in the lack of information about it available. Therefore, we have made effort to invite as many practitioners as possible to the conference so that researchers can ask questions and exchange views with those who are at the front of maritime innovation.

This year celebrates 25th anniversary of the foundation of IAME. To commemorate this great achievement, we are hosting a special session with the long-time leaders in this study area as speakers so that we may combine the past, the present and the future of our study and organisation.

Lastly, we all regret that we have recently lost two great stars of IAME, Richard Goss and Ross Robinson. In the 25th anniversary session of the conference, two memorial presentations will be made to remember the works of the two great scholars and contributors to the development of IAME.

We do hope that all of you will be satisfied with the conference arrangement we have made and enjoy the most of what Kyoto and the Port of Kobe and Osaka offer.



Prof. Dr. Masato SHINOHARA

IAME 2017 Conference Chair; Professor, the University of Fukuchiyama, Japan /
Adjunct Professor of Kyoto University, Japan

Greetings from Kobe-Osaka International Port Corporation

Welcome to Kansai!

“Kansai” is the name of the region including Kyoto, Osaka and Kobe as the major cities. As a member of the Local Organizing Committee and one of major sponsors as well as representing local maritime industry, I would like to extend a warm welcome to all the guests and participants in the IAME Conference 2017 - Kyoto. You might wonder why we have chosen Kyoto as a maritime conference venue. In fact, Kyoto was connected to the sea port of Osaka via river transport network until 150 years ago. The river transport contributed a lot to the pre-modern development of Kyoto by transporting not only everyday commodities but also industrial goods. After the Meiji Restoration, the central government began to develop sea ports of Kobe and Osaka as a new gateway to the world. Our company, Kobe-Osaka International Port Corporation, is a quasi-public corporation, managing container terminals and ferry terminals of the two ports. It has been created by the central government’s initiatives that aim to strengthen competitiveness of the two ports facing evermore challenging maritime environments. I truly hope that this conference will contribute to the better understanding and analysis of the global maritime industry, and I would like to learn many things attending this conference. Please enjoy the conference and your stay in Kyoto!



Mr. Masaharu SHINOHARA

Executive Officer, Kobe-Osaka International Port Corporation

(Vice President, International Association of Ports and Harbors (IAPH))

International Scientific Steering Committee (ISSC)

The IAME 2017 Kyoto organisers would like to thank the ISSC members / reviewers for their support in the assessment of the papers and for the valuable comments provided to the authors. This has allowed offering two reviews per paper submission. The following people have contributed to the review process:

Michele Acciaro

Kühne Logistics University,
Germany

Roar Os Ådland

Norwegian School of Economics,
Norway

Amir Alizadeh

CASS Business School, City
University London, UK

Jason Angelopoulos

University of Piraeus, Greece

Mary R. Brooks

Dalhousie University, Canada

Emrah Bulut

Yildiz Technical University, Turkey

Stephen Cahoon

AMC, University of Tasmania,
Australia

Pierre Cariou

Kedge Business School, France

A. Guldem Cerit

Dokuz Eylul University, Turkey

Christopher Clott

State University of New York,
United States

Ana Cristina Casaca

Federal University of Maranhão,
Brazil

Young-Tae Chang

Inha University, Korea

Ek Peng Chew

National University of Singapore,
Singapore

Claude Comtois

Montréal University, Canada

Kevin Cullinane

University of Gothenburg, Sweden

Assunta Di Vaio

University of Naples "Parthenope",
Italy

John Dinwoodie

University of Plymouth, UK

Michael Doms

Vrije Universiteit Brussel, Belgium

Okan Duru

Nanyang Technological University,
Singapore

Soner Esmer

Dokuz Eylul University, Turkey

Sophia Everett

Victoria University, Australia

Claudio Ferrari

University of Genoa, Italy

Masahiko Furuichi

Kyoto University, Japan

Jong Khil Han

Sungkyul University, Korea

Hercules Haralambides

Erasmus University, Netherlands

Bruce C. Hartman

California Maritime Academy,
United States

Trevor Heaver

University of British Columbia,
Canada

Enna Hirata

Kobe University, Japan

Jan Hoffmann

UNCTAD, Switzerland

Hiroshi Hoshino

Kyushu University, Japan

Kazuhiko Ishiguro

Kobe University, Japan

Hidekazu Ito

Kwansei Gakuin University, Japan

Manolis Kavussanos

Athens University of Economics
and Business, Greece

Tomoya Kawasaki

Tokyo Institute of Technology,
Japan

Kap Hwan Kim

Pusan National University, Korea

Shashi N. Kumar

U.S. Merchant Marine Academy,
United States

Ioannis Lagoudis

Malaysia Institute for Supply Chain
Innovation, Malaysia

Kee Hung Mike Lai

The Hong Kong Polytechnic
University, Hong Kong

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RMIT, Australia

Sung-Woo Lee

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University of the Aegean, Greece

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Logistics, Germany

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CASS Business School, City
University London, UK

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Belgium

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University of the Aegean, Greece

Photis Panayides
Cyprus University of Technology,
Cyprus

Francesco Parola
University of Naples “Pathenope”,
Italy

Stephen Pettit
Cardiff University, UK

Harilaos Psaraftis
National Technical University of
Athens, Greece

Meng Qiang
National University of Singapore,
Singapore

Rosa González Ramírez
Universidad de Los Andes, Chile

Jean-Paul Rodrigue
Hofstra University, United States

Giovanni Satta
University of Genoa, Italy

Jafar Sayareh
Chabahar Maritime University,
Iran

Shunsuke Segi
Kyoto University, Japan

Kuo-Chung Shang
National Taiwan Ocean University,
Taiwan

Xiaoning Shi
World Maritime University,
Sweden

Ryuichi Shibasaki
The University of Tokyo, Japan

Orestis Shinas
Hamburg School of Business
Administration, Germany

Masato Shinohara
The University of Fukuchiyama /
Kyoto University, Japan

Dongping Song
University of Liverpool, UK

Dong-Wook Song
World Maritime University,
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Wayne K. Talley
Old Dominion University, United
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World Maritime University,
Sweden

Thomas Vitsounis
Australia

Joyce Low Mei Wan
Singapore Management University,
Singapore

Grace Wen-Yao Wang
Texas A&M University at Galveston,
United States

Shuaian (Hans) WANG
The Hong Kong Polytechnic
University, Hong Kong

Teng-Fei Wang
United Nations ESCAP, Thailand

Daisuke Watanabe
Tokyo University of Marine
Science and Technology, Japan

Gordon Wilmsmeier
Universidad de los Andes, Bogota,
Colombia

Wesley Wilson
University of Oregon, United
States

Yutaka Yamamoto
The University of Nagasaki, Japan

Dong Yang
The Hong Kong Polytechnic
University, Hong Kong

Zaili Yang
Liverpool John Moores University,
UK

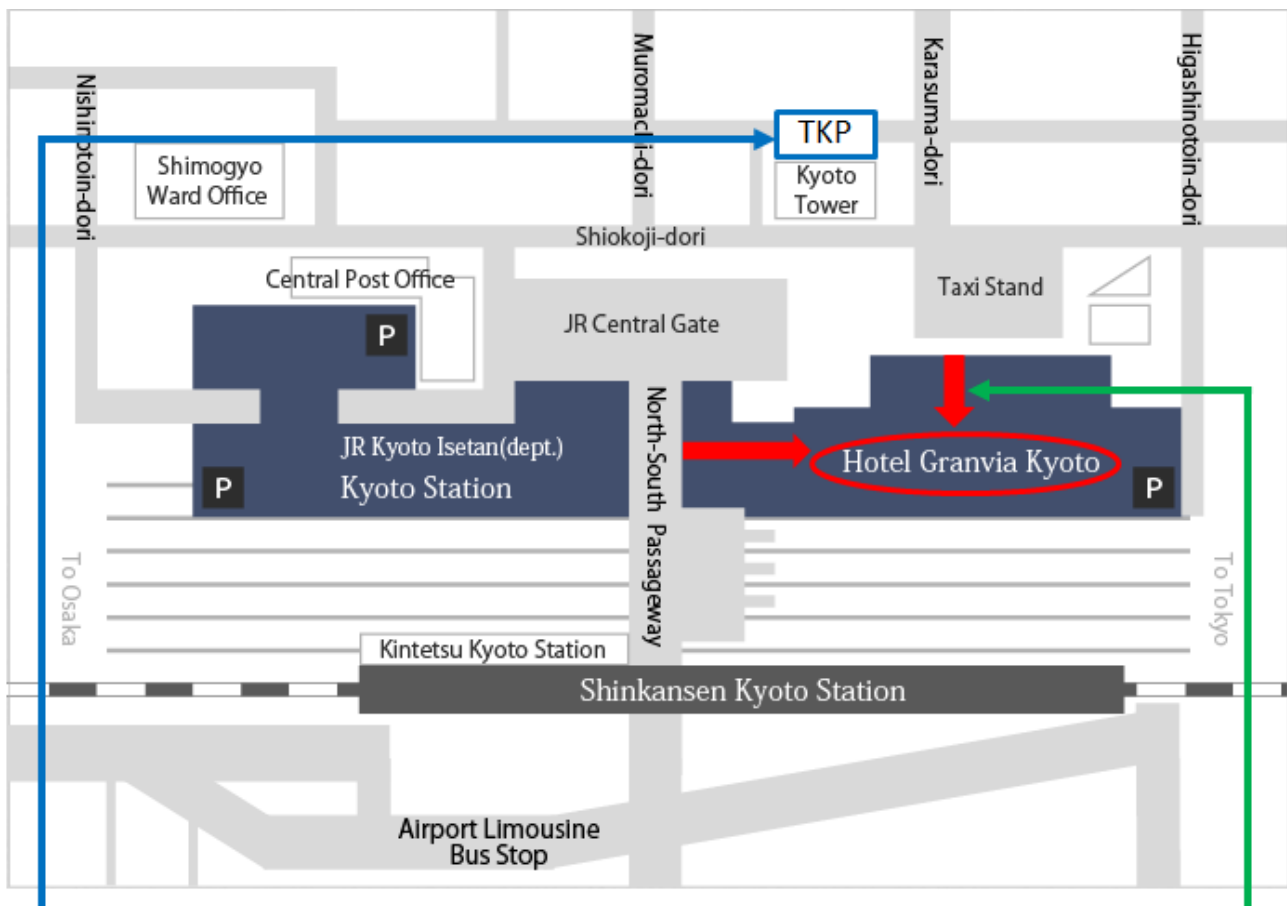
Gi-Tae Yeo
Incheon University, Korea

Tsz Leung Yip
The Hong Kong Polytechnic
University, Hong Kong

Maps of Venues

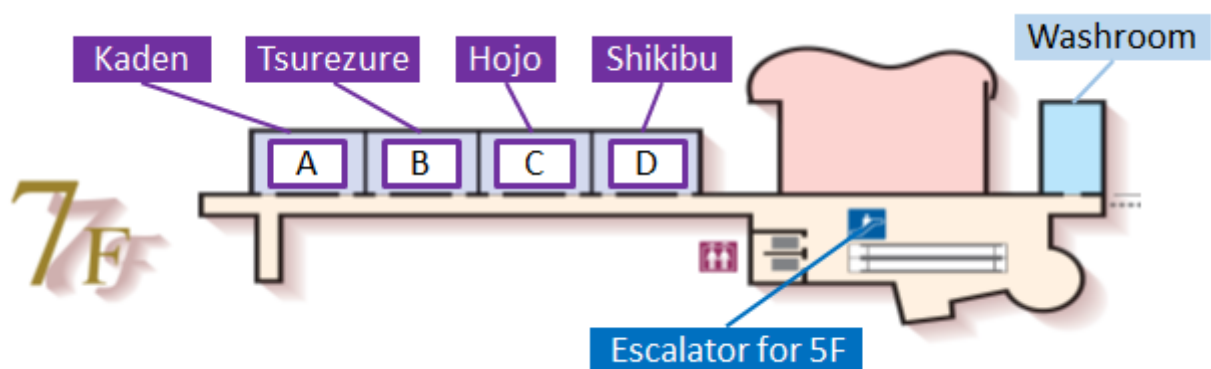
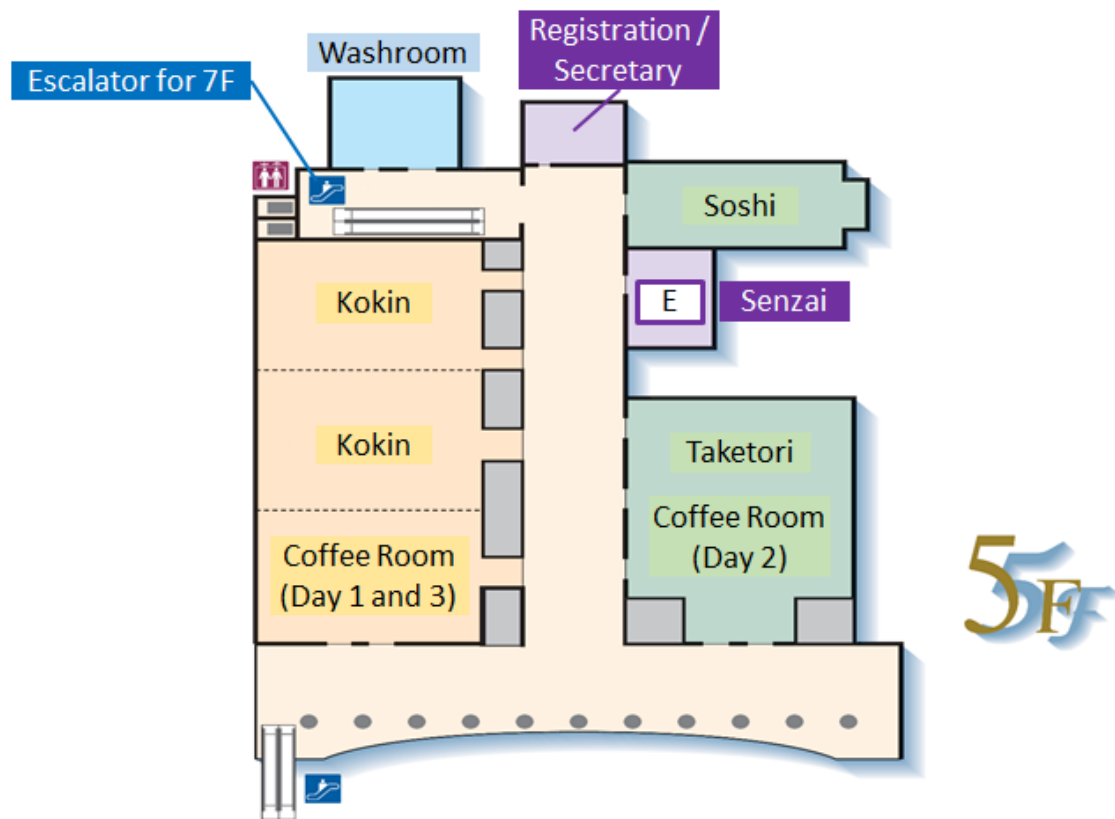
Access to Hotel Granvia Kyoto

Hotel Granvia Kyoto is the main venue of the conference. The hotel is a part of JR Kyoto Station Building, which is accessible directly from the international airport (KIX, Osaka) by train or limousine bus. The following is a map around Hotel Granvia Kyoto and Kyoto Station Building. The hotel is located on the north side of the station.



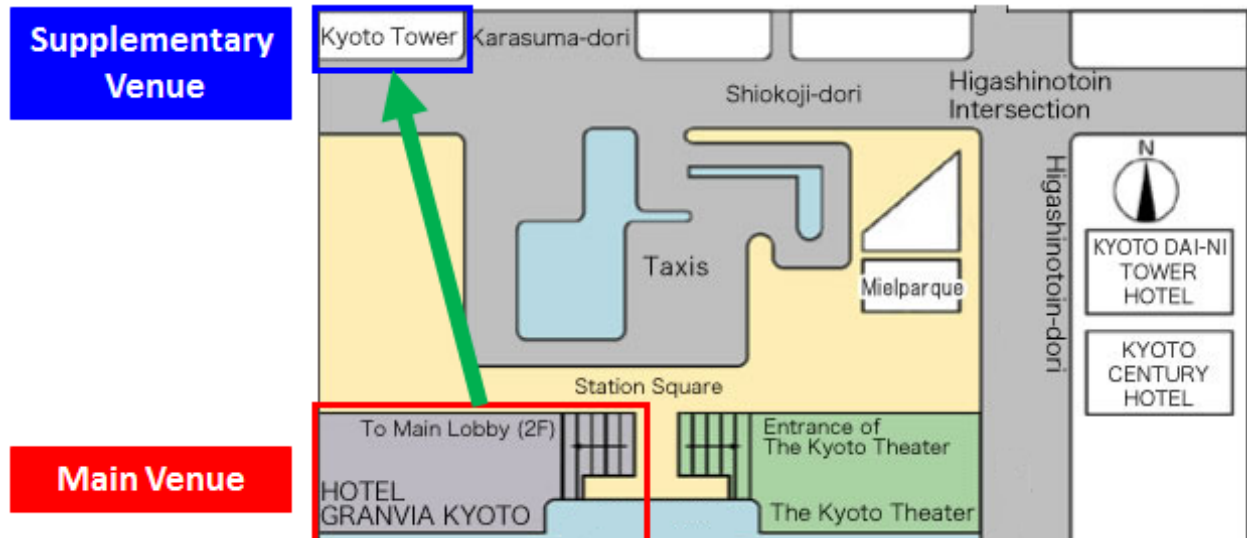
Floor map of Hotel Granvia Kyoto

Rooms of the 5th floor and the 7th floor are used for the events and parallel sessions. The rooms for parallel sessions are denoted by A (Kaden), B (Tsurezure), C (Hojo), D (Shikibu) and E (Senzai).



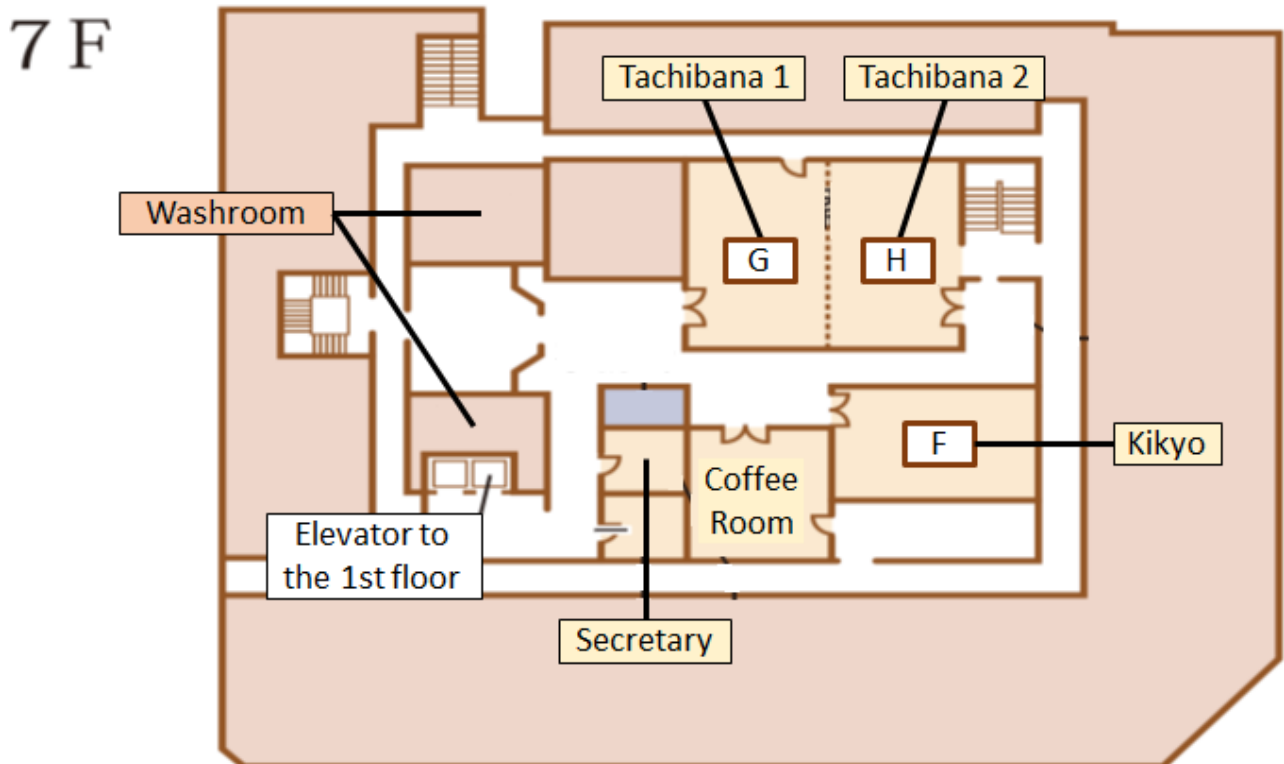
Access to TKP in Kyoto Tower Hotel

TKP in Kyoto Tower Hotel is the supplementary venue of the conference due to the limited availability of rooms at Hotel Granvia Kyoto. TKP in Kyoto Tower Hotel is located within two-minute walk from Hotel Granvia Kyoto. As the conference sessions are held in two distant buildings, please identify the venue of the session you wish to join in the Parallel Session Overview.



Floor Map of TKP in Kyoto Tower Hotel

Three rooms on the 7th floor are used for the parallel sessions. They are denoted by F (Kikyo), G (Tachibana 1) and H (Tachibana 2).



Programme Overview (Schedule and Venues)

The participants are recommended to make registration on 27th June to avoid congestion in the morning of Day 1.

Day 0 (27 June)

Time	Event	Venue
09:00 - 12:00	Port Performance Research Network Meeting	Hotel Granvia Kyoto Senzai Room
12:00 - 14:00	Lunch (Invitation Only)	
14:00 -	Conference Registration	Hotel Granvia Kyoto Secretary Room
14:00 - 17:00	IAME Council Meeting	Hotel Granvia Kyoto Senzai Room
17:00 - 19:00	Conference Registration	Hotel Granvia Kyoto
19:00 - 21:00	Welcome Reception	Taketori Room

Day 1 (28 June)

Time	Event	Venue
08:00 - 09:00	Conference Registration	Hotel Granvia Kyoto Kokin Room
09:00 - 10:00	Opening Ceremony and Keynote Speech	
10:00 - 10:20	Coffee Break	
10:20 - 12:00	IAME 25th Anniversary Session	
12:00 - 13:20	Lunch	Hotel Granvia Kyoto Kokin Room & Taketori Room
13:20 - 15:00	Parallel Session 1	Hotel Granvia Kyoto & TKP in Kyoto Tower Hotel
15:00 - 15:20	Coffee Break	
15:20 - 17:00	Parallel Session 2	

Day 2 (29 June)

Time	Event	Venue
09:00 - 10:40	Parallel Session 3	Hotel Granvia Kyoto & TKP in Kyoto Tower Hotel
10:40 - 11:00	Coffee Break	
11:00 - 12:20	Parallel Session 4	
12:20 - 13:20	Lunch	Hotel Granvia Kyoto Taketori Room
13:20 - 15:00	Parallel Session 5	Hotel Granvia Kyoto & TKP in Kyoto Tower Hotel
15:00 - 15:20	Coffee Break	
15:20 - 17:00	Parallel Session 6	
17:30 - 18:00	Journey to Gala Dinner by bus	Hotel Granvia Kyoto
18:30 - 21:00	Gala Dinner	SODOH Higashiyama Kyoto

Day 3 (30 June)

Time	Event	Venue
09:00 - 10:40	Parallel Session 7	Hotel Granvia Kyoto
10:40 - 11:00	Coffee Break	
11:00 - 12:30	IAME General Assembly / Closing Ceremony	Hotel Granvia Kyoto
12:30 - 13:30	Lunch / Awards Presentation	Kokin Room
13:45 - 18:00	Port Tour	Osaka Port & Kobe Port

Opening Ceremony and Keynote Speech

Date: 28 June 09:00 - 10:00

Venue: Kokin Ballroom, 5th floor of Hotel Granvia Kyoto

Opening Ceremony

1. Opening Speech

Dr. Masato Shinohara

IAME 2017 Conference Chair; The University of Fukuchiyama and Kyoto University

2. President's Address

Dr. Jan Hoffmann

IAME President; UNCTAD

3. Welcome Address

Mr. Masaharu Shinohara

Executive Officer, Kobe-Osaka International Port Corporation
(Vice President, International Association of Ports and Harbors (IAPH))

Keynote Speech

Mr. Koichi Muto

Chairman of the Board, Mitsui O.S.K. Lines, Ltd.
(President, The Japanese Shipowners' Association)

Keynote Speaker Mr. Koichi Muto is Representative Director, Chairman of the Board, and Chairman Executive officer of Mitsui O.S.K. Lines, Ltd., responsible for supervising the management of the company to ensure sustainable growth and maximize long-term MOL Group corporate value. Mr. Muto also serves as the president of The Japanese Shipowners' Association.

Before assuming his current role in June 2015, he had served as the President of Mitsui O.S.K. Lines, Ltd. since June 2010. He was appointed a Member of the Board in June 2007. Prior to that, he was the General Manager of the Corporate Planning Division from January 2003.

Mr. Muto joined Mitsui O.S.K. Lines, Ltd in April 1976, and continued to serve in the Bulk carrier division until 2002. From 1994 to 1997, he had served Managing Director of Mitsui O.S.K. Lines (Deutschland) GmbH.

He has served as an outside director for Seibu Oil Company Limited since June 2015, Chair of the Committee on Transportation of KEIDANREN (Japan Business Federation) since June 2015.

A native of Nagoya, he graduated from Nagoya University in 1976.



IAME 25th Anniversary Session: Maritime Economics Revisited

Date: 28 June 10:20 - 12:00

Venue: Kokin Ballroom, 5th floor of Hotel Granvia Kyoto

**Session Chair: Prof. Dr. Theo Notteboom (Emeritus President of IAME 2010-2014;
Shanghai Maritime University, University of Antwerp and Ghent University)**

Presentation 1. 25 Years of IAME

Dr. Jan Hoffmann

IAME President; UNCTAD, Geneva

Presentation 2. The Changing Facets of Maritime Economics

Prof. Dr. Trevor Heaven

IAME founding member, Emeritus President of IAME 1994-1998;
Emeritus Professor, University of British Columbia, Canada

Presentation 3. In memoriam: The academic legacies of Richard Goss and Ross Robinson

On Richard Goss: **Prof. Dr. Helen Thanopoulou**

University of the Aegean, Greece

On Ross Robinson: **Prof. Dr. Sophia Everett**

IAME Secretary 2003-2013; Victoria University, Australia

Panel Discussion. On the past and future of maritime economics

Moderator: **Prof. Dr. Theo Notteboom**

Debate preceded by a short introduction by **Prof. Dr. Okan Duru** (Nanyang Technological University, Singapore) on “Schools of economic thought and research tracks in port economics and shipping market economics” as input for the discussion.

Panel Members:

- **Prof. Dr. Paul Tae-Woo Lee**
IAME founding member and Council Member; RMIT University, Australia
- **Dr. Thanos Pallis**
IAME Secretary; University of the Aegean, Greece
- **Prof. Dr. Jasmine Lam**
IAME Council Member; Nanyang Technological University, Singapore
- **Prof. Dr. Roar Ådland**
Norwegian School of Economics, Norway
- **Prof. Dr. Masato Shinohara**
IAME 2017 Conference Chair; The University of Fukuchiyama and Kyoto University, Japan

Prize Awards during IAME 2017 Kyoto

The awards will be presented at lunch (12:30-13:30) on 30th June at Kokin Room of Hotel Granvia Kyoto.

The MEL Best Conference Paper Prize

The MEL Best Conference Paper Prize is sponsored by Palgrave Macmillan. It is awarded to the conference paper that has received the highest score in the paper review process. The award is accompanied by a financial reward of £ 250.

The IAME Kyoto Conference Excellent Paper Award

The IAME Kyoto Conference Excellent Paper Award is sponsored by the organizer of the conference: Graduate School of Management, Kyoto University. It is awarded to the conference paper that has received one of the highest scores in the review process, and has an important academic or practical contribution. The award is accompanied by a financial reward of JPY 50,000.

The KLU Young Researcher Best Paper Award

The Young Researcher Best Paper Award is sponsored by the Department of Logistics of the Kühne Logistics University and is awarded to the conference paper with one of the highest scores obtained in the review process and whose main author is not older than 35. The award is a symbol of the effort that the KLU places on fostering emerging talents in maritime logistics. The award is accompanied by a financial reward of € 400.

The MPM Excellent Conference Paper Award

The MPM Excellent Conference Paper Award is awarded to the conference paper that has received one of the highest scores in the review process, and has an important academic or practical contribution.

The MPM Best Manuscript Award Published in 2016

The Maritime Policy & Management best manuscript award is an annual award for the best manuscript published in 2016 by Maritime Policy & Management in the previous year. The award consists of £ 1,000 (sponsored by Taylor and Francis).

Journals

IAME Official Journals

- Maritime Economics & Logistics
- Maritime Policy & Management

Associated Journals and Special Issues

A selection of papers presented at IAME will be considered for publication in selected volumes and special issues in the following journals:

- Transportation Research Part E
- International Journal of Transport Economics
- The Asian Journal of Shipping and Logistics
- Maritime Business Review
- International Journal of Shipping and Transport Logistics

Parallel Session Programme Overview (Rooms and Topics)

		Rooms of Hotel Granvia Kyoto					Rooms of TKP in Kyoto Tower Hotel		
		Room-A Kaden	Room-B Tsurezure	Room-C Hojo	Room-D Shikibu	Room-E Senzai	Room-F Kikyo	Room-G Tachibana 1	Room-H Tachibana 2
Day 1 28 June	Session 1 13:20-15:00	Cruise Shipping (1)	Tanker Shipping (1)		Trade and Maritime Shipping (1)	Maritime Human Resource and Safety (1)	Port Industry and Clusters	Port Finance and Marketing	Arctic Shipping
	Session 2 15:20-17:00	Cruise Shipping (2) & Marine Leisures	Tanker Shipping (2)	Port Policy and Governance	Trade and Maritime Shipping (2)	Maritime Human Resource and Safety (2)	Maritime Network and Connectivity	Port Competition and Cooperation	RORO Shipping and Car Industry
Day 2 29 June	Session 3 09:00-10:40	Green Shipping (1)	Shipbuilding Industry / Bulk Shipping (1)		Supply Chain Management (1)	Shipping Industry (1)	Maritime Industry and Clusters (1)	Competition and Cooperation by Game Theory	Shortsea Shipping
	Session 4 11:00-12:20	Green Shipping (2)	Bulk Shipping (2)	Container Terminal	Supply Chain Management (2) / Inland Waterway Transport	Shipping Industry (2)	Maritime Industry and Clusters (2)	Maritime Geography	
	Session 5 13:20-15:00	Green Shipping (3)	Freight Market (1)	Port Performance (1)	Maritime Supply Chain and Resilience		Information and Digitization	Liner Shipping Industry	Intermodal Transport
	Session 6 15:20-17:00	Green Port (1)	Freight Market (2)	Port Performance (2)	Maritime Risk Management		Containerization and Future Forecast	Ship Routing and Network Design	Dry Port
Day 3 30 June	Session 7 09:00-10:40	Green Port (2)	Freight Market (3)	Port Hinterland Planning and Strategies	Maritime Policy and Security				

Parallel Session 1 Programme (28 June, 13:20 - 15:00)

Session 1 - A Room: Kaden, Hotel Granvia Kyoto Topic: Cruise Shipping (1) Chair: Satta, Giovanni (University of Genoa) Towards Sustainable Entrepreneurship: the cruise business case (P, ID.165) *Stefanidaki, Evangelia (University of the Aegean, Greece) Lekakou, Maria (University of the Aegean, Greece) Cruise lines searching for legitimacy: Stakeholder relationship management and CSR reporting (P, ID.180) *Satta, Giovanni (University of Genoa, Italy) Parola, Francesco (University of Genoa, Italy) Penco, Lara (University of Genoa, Italy) Persico, Luca (University of Genoa, Italy) Economic impacts and significance of the cruise ports in the United States (P, ID.72) *Wang, Grace (Texas A&M University at Galveston, United States) Chang, Wen-Huei (U.S. Army Corps of Engineers, United States) Cui, Yue (Michigan State University, United States) Private Entry and Emerging Partnerships in Cruise Terminal Operations in the Med (P, ID.232) *Athanasios A. Pallis (University of Aegean, Greece) Parola, Francesco (University of Genoa, Italy) Satta, Giovanni (University of Genoa, Italy) Notteboom, Theo (University of Antwerp, Belgium) Service Planning in Cruise Shipping with Berth Availability and Decreasing Marginal Profit (E, ID.288) *Wang, Kai (The Hong Kong Polytechnic University, Hong Kong) Wang, Shuaian (The Hong Kong Polytechnic University, Hong Kong) Zhen, Lu (Shanghai University, China)	Session 1 - B Room: Tsurezure, Hotel Granvia Kyoto Topic: Tanker Shipping (1) Chair: Nomikos, Nikos (City University London) Valuing time in shipping markets (P, ID.189) *Prakash, Vishnu (University College London, United Kingdom) Smith, Tristan (University College London, United Kingdom) Ådland, Roar (Norwegian School of Economics, Norway) Insight into oil-tanker market behavior gained from AIS data (P, ID.103) *Prochazka, Vit (Norwegian School of Economics, Norway) Ådland, Roar (Norwegian School of Economics, Norway) An AIS based Model of Short-Term VLCC Freight Rates (P, ID.190) *Regli, Frederik (Copenhagen Business School, Denmark) Nomikos, Nikos (City University London, United Kingdom) Connectivity reliability in maritime transportation network of China's crude oil imports based on uncertainty theory (P, ID.125) Lu, Jing (Dalian Maritime University, China) *Wang, Shuang (Dalian Maritime University, China) Process Complexities in Maritime Transportation: A Case Study of Chemical Tanker Port Calls (E, ID.340) *Wang, Ping (Texas A&M University at Galveston, United States) Vogt, John (University of Houston, United States)
Session 1 - C Room: Hojo, Hotel Granvia Kyoto <i>No session scheduled.</i>	Session 1 - D Room: Shikibu, Hotel Granvia Kyoto Topic: Trade and Maritime Shipping (1) Chair: Thanopoulou, Helen (University of the Aegean) The "broken link" between GDP, international Trade and Seaborne Transport demand: temporary break or setting trend? (P, ID.17) Strandenes, Siri (Norwegian School of Economics, Norway) *Thanopoulou, Helen (University of the Aegean, Greece) Asymmetric Effects of Exchange Rate and Income Changes on Maritime Trade Flows between Japan and the US (P, ID.82) *Chi, Junwook (University of Hawaii, United States) Estimating International Freight Flows and Transport Costs Based on Trade Statistics (P, ID.240) *Kosaka, Hiroyuki (National Maritime Research Institute, Japan) Kashima, Shigeru (Chuo University, Japan)

* = Presenter, P = Peer Reviewed Paper, E = Extended Abstract, ID. = Submission ID Number

Session 1 - E Room: Senzai, Hotel Granvia Kyoto Topic: Maritime Human Resource and Safety (1) Chair: Shinohara, Masato (The University of Fukuchiyama) Institutional Environment and the Seafaring Labor Market: The Brazilian Case (P, ID.260) *Lobrigo, Enrico (Copenhagen Business School, Denmark) Implications of the Maritime Labour Convention: The Chinese Perspective (P, ID.262) *Tsalichi, Chrysa (University of the Aegean, Greece) Theotokas, Ioannis (University of the Aegean, Greece) Lagoudis, Ioannis (University of the Aegean, Greece) Human Competence in Ship Operations: The Case of Japan (E, ID.272) *Shinohara, Masato (The University of Fukuchiyama, Japan) Forced Labour and Risk Factors of Inferior Working Conditions in Thai Fishing Sector (E, ID.313) Arimoto, Yutaka (Hitotsubashi University, Japan) Machikita, Tomohiro (JETRO, Japan) *Tsubota, Kenmei (JETRO, Japan)	Session 1 - F Room: Kikyo, TKP in Kyoto Tower Hotel Topic: Port Industry and Clusters Chair: Song, Dong-Wook (World Maritime University) The Role of Port Cities in Circular Economies: Cases from Europe (P, ID.29) *Ballini, Fabio (World Maritime University, Sweden) Song, Dong-Wook (World Maritime University, Sweden) Competitive advantages in integrated port clusters: an empirical disillussion of the extended resource pool for the Antwerp seaport (P, ID.151) *Langenus, Mychal (Vrije Universiteit Brussel, Belgium) Haezendonck, Elvira (Vrije Universiteit Brussel, Belgium) The influence of different political-economic regimes on port clusters in transition (P, ID.105) *Vroomans, Jos (Erasmus University, Netherlands) Geerlings, Harry (Erasmus University, Netherlands) Kuipers, Bart (Erasmus University, Netherlands) Specialization level and operational efficiency of port: Comparative analysis between the Shandong province and the others of China (P, ID.127) Xie, Jingci (Shandong University, China) *Liang, Xiaohong (Shandong University, China)
Session 1 - G Room: Tachibana 1, TKP in Kyoto Tower Hotel Topic: Port Finance and Marketing Chair: Vanelander, Thierry (University of Antwerp) Vessel port dues: an influence from path dependency rather than geography of ports (P, ID.199) *Lavissière, Alexandre (Ecole de Management de Normandie, France) Optimal Concession Contracts for Landlord Port Authorities to Maximize Fee-Revenues with Minimal Throughput Requirements (E, ID.25) Liu, Shi-Miin (National Taipei University, Taiwan) *Chen, Hsiao-Chi (National Taipei University, Taiwan) Lin, Yen-Hung (National Taipei University, Taiwan) Han, Wenqing (Xi-An Jiaotong University, China) Optimal Concession Contracts for Landlord Port Authorities Pursuing Different Goals (E, ID.275) *Liu, Shi-Miin (National Taipei University, Taiwan) Chen, Hsiao-Chi (National Taipei University, Taiwan) Han, Wenqing (Xi-An Jiaotong University, China) Research on the Relationship Marketing for Seaports (E, ID.197) *Chen, Shiou-Yu (National Taiwan Ocean University, Taiwan) Cooperation between port authorities from a port user perspective: the case of the Flemish Port Area (E, ID.283) *Hintjens, Joost (University of Antwerp, Belgium) Vanelander, Thierry (University of Antwerp, Belgium)	Session 1 - H Room: Tachibana 2, TKP in Kyoto Tower Hotel Topic: Arctic Shipping Chair: Furuichi, Masahiko (Kyoto University) Arctic shipping: A systematic literature review of maritime routing studies (P, ID.294) *Theocharis, Dimitrios (Cardiff University, United Kingdom) Pettit, Stephen (Cardiff University, United Kingdom) Rodrigues, Vasco Sanchez (Cardiff University, United Kingdom) Haider, Jane (Cardiff University, United Kingdom) Geopolitical Considerations of Shipping Operations in the Arctic: Mapping the Current State of Icebreakers and Identifying Future Needs (P, ID.65) Drewniak, Megan (World Maritime University, Sweden) Dalaklis, Dimitrios (World Maritime University, Sweden) *Kitada, Momoko (World Maritime University, Sweden) Ölçer, Aykut (World Maritime University, Sweden) Ballini, Fabio (World Maritime University, Sweden) Evolution of ice class investment attractiveness depending on climatic and economic conditions (P, ID.83) *Faury, Olivier (École de management de Normandie, France) Givry, Philippe (Kedge Business School, France) Container liner shipping service quality and value of freight travel time savings (VFTTS) (E, ID.92) *Furuichi, Masahiko (Kyoto University, Japan) Segi, Shunsuke (Kyoto University, Japan) Otsuka, Natsuhiko (Hokkaido University, Japan) NSR (Northern Sea Route) Shipping Monitoring by Satellite AIS (E, ID.285) *Abe, Motohisa (National Institute for Land and Infrastructure Management, Japan) Ishizawa, Junichiro (Japan Aerospace Exploration Agency, Japan) Shimizu, Shuji (Japan Aerospace Exploration Agency, Japan)

Parallel Session 2 Programme (28 June, 15:20 - 17:00)

Session 2 - A Room: Kaden, Hotel Granvia Kyoto Topic: Cruise Shipping (2) & Marine Leisures Chair: Wang, Grace (Texas A&M University at Galveston) A Vertical Integration Pricing Model on a Cruise Supply Chain (P, ID.71) *Wang, Grace (Texas A&M University at Galveston, United States) Zeng, Qingcheng (Dalian Maritime University, China) Attitude Modification of Attention, Consideration, and Action for Initial Use of Cruise Ship Tourism in Japan (E, ID.314) *Kawasaki, Tomoya (Tokyo Institute of Technology, Japan) Todoroki, Tomoyuki (Nihon University, Japan) Hyodo, Satoshi (Nihon University, Japan) Inokuchi, Kento (Nihon University, Japan) An Analysis of Demand Determinants and Economic Valuation of Marine Sports Using CVM (E, ID.297) *Jang, Da Hye (Korea Maritime and Ocean University, Korea) The Management of the Environmental Aspects and Reduction of Impacts in Recreational Ports and Marinas (P, ID.264) *Dragovic, Branislav (University of Montenegro, Montenegro) Tselentis, Vassilis (University of Piraeus, Greece) Tzannatos, Ernestos (University of Piraeus, Greece) Paladin, Zdravko (University of Montenegro, Montenegro)	Session 2 - B Room: Tsurezure, Hotel Granvia Kyoto Topic: Tanker Shipping (2) Chair: Ådland, Roar (Norwegian School of Economics) Does energy efficiency pay? A tanker spot market analysis (P, ID.30) *Ådland, Roar (Norwegian School of Economics, Norway) Thomassen, Kristoffer (Norwegian School of Economics, Norway) Østensen, Erlend (Norwegian School of Economics, Norway) Commercial Capabilities and Entrepreneurial Value Capturing in Dynamic Maritime Markets: The Case of North Sea Oil Service Companies (P, ID.215) *Sloek-Madsen, Stefan K. (Copenhagen Business School, Denmark) The Impact of Conditional Moments on Risk Measurement in the Tanker Freight Market (P, ID.177) Alizadeh, Amir (City University London, United Kingdom) Nomikos, Nikos (City University London, United Kingdom) *Van Dellen, Stefan (University of Westminster, United Kingdom) A New Ship Valuation Model based on Spread Option Pricing Approach (P, ID.158) Ådland, Roar (Norwegian School of Economics, Norway) *Alizadeh, Amir (Cass Business School, United Kingdom) Fusai, Gianluca (Cass Business School, United Kingdom) Dependency and Extreme Co-movements across Major Product Shipping Freight Rates with Implications for Portfolio Diversifications: a copula-GARCH Approach (P, ID.291) *Bai, Xiwen (Nanyang Technological University, Singapore) Lam, Jasmine Siu Lee (Nanyang Technological University, Singapore)
Session 2 - C Room: Hojo, Hotel Granvia Kyoto Topic: Port Policy and Governance Chair: Yamamoto, Yutaka (University of Nagasaki) A Review of Japan Port Policy -The case of Port of Kobe (Hanshin ports) in the competition with Port of Busan- (P, ID.19) *Yamamoto, Yutaka (University of Nagasaki, Japan) Discussing Port Governance Issues at the Regional Level: A Tale of Zhejiang Province in China (P, ID.32) *Zhuang, Peijun (Ningbo University, China) Song, Dong-Wook (World Maritime University, Sweden) Regulation of South Africa's Ports: Dilemmas and Reforms (P, ID.106) *Gumede, Sanele (University of KwaZulu-Natal, South Africa) Chasomeris, Mihalīs (University of KwaZulu-Natal, South Africa) South Africa's Port Doctrine: Dilemmas and The Way Forward (P, ID.201) *Meyiwa, Ayanda (University of KwaZulu-Natal, South Africa) Chasomeris, Mihalīs (University of KwaZulu-Natal, South Africa)	Session 2 - D Room: Shikibu, Hotel Granvia Kyoto Topic: Trade and Maritime Shipping (2) Chair: Luo, Meifeng (Hong Kong Polytechnic University) Container shipping in a crisis context: Income distribution trends and impact on general cargo demand (P, ID.16) *Thanopoulou, Helen (University of the Aegean, Greece) Strandenes, Siri (Norwegian School of Economics, Norway) Maritime Shipping and Export Trade on "Maritime Silk Road" (P, ID.274) Li, Jian (Ocean University of China, China) *Jiang, Bao (Ocean University of China, China) Impact of Exchange-Rate Volatility and Economic Growth on Norway's Maritime Export to its Major Trading Partners (P, ID.181) *Saeed, Naima (University of Agder, Norway) Spatial Computable General Equilibrium Model for Estimating Impact of Maritime Transportation Market Change (P, ID.258) Okamoto, Kosuke (Kobe University, Japan) *Ishiguro, Kazuhiko (Kobe University, Japan) A computable equilibrium model of international iron ore trade (E, ID.307) *Yang, Dong (Hong Kong Polytechnic University, Hong Kong) Zhang, Lingge (Hong Kong Polytechnic University, Hong Kong) Luo, Meifeng (Hong Kong Polytechnic University, Hong Kong) Liu, Miaoia (Baltic and International Maritime Conference (BIMCO), Denmark)

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Session 2 - E Room: Senzai, Hotel Granvia Kyoto Topic: Maritime Human Resource and Safety (2) Chair: Lu, Chin-Shan (The Hong Kong Polytechnic University) Examining the moderating effects of supervisor's safety commitment on safety marketing in Free Trade Zones (P, ID.36) *Lin, Chi-Chang (Feng Chia University, Taiwan) Chang, Chia-Hsun (Chung-Ang University, Korea) Leader-Member Exchange, Safety Climate, and Employees' Safety Organizational Citizenship Behaviors in Container Terminal Operators (P, ID.51) *Lu, Chin-Shan (The Hong Kong Polytechnic University, Hong Kong) Does CEO's Traits Matter? A Pilot Survey on Chinese Shipping Companies (P, ID.18) *Zheng, Shiyuan (Shanghai Maritime University, China) Chen, Yang (Shanghai Maritime University, China) Hu, Fangfang (Shanghai Maritime University, China) Zhou, Peng (Shanghai Maritime University, China) The effects of leader-member exchange on employees' organizational citizenship behaviors and job performance in container shipping firms (E, ID.296) *Weng, Hsiang Kai (Kyle) (The Hong Kong Polytechnic University, Hong Kong) Lu, Chin-Shan (The Hong Kong Polytechnic University, Hong Kong) Lai, Kee-Hung (Mike) (The Hong Kong Polytechnic University, Hong Kong) Lun, Y.H. (Venus) (The Hong Kong Polytechnic University, Hong Kong) Cheng, T.C. (Edwin) (The Hong Kong Polytechnic University, Hong Kong) Wong, Christina (The Hong Kong Polytechnic University, Hong Kong) Towards a hybrid integration of women in the maritime sector: Gender and economy in the concept of maritime clusters (P, ID.38) *Kitada, Momoko (World Maritime University, Sweden) Bhirugnath-Bhookhun, Meenaksi (The Association of Women Managers in the Maritime Sector in East and Southern Africa, Mauritius)	Session 2 - F Room: Kikyo, TKP in Kyoto Tower Hotel Topic: Maritime Network and Connectivity Chair: Tsubota, Kenmei (JETRO) Network Structure Analysis for International Maritime Container Transportation: From the View Point of Complex Networks (P, ID.256) *Majima, Takahiro (National Maritime Research Institute, Japan) Connectivity analysis of Japanese ports in the context of One Belt One Road (P, ID.263) Hu, Zhi-Hua (Shanghai Maritime University, China) Liu, Chan-Juan (Shanghai Maritime University, China) *Lee, Paul Tae-Woo (RMIT University, Australia) Partition, Independence, and Maritime networks in South Asia from 1890 to 2000 (E, ID.310) Ducruet, Cesar (Centre national de la recherche scientifique, France) *Tsubota, Kenmei (JETRO, Japan)
Session 2 - G Room: Tachibana 1, TKP in Kyoto Tower Hotel Topic: Port Competition and Cooperation Chair: Ferrari, Claudio (University of Genoa) Competitive Dynamics among Cross Regional Hub Ports for the Container Transshipments: Case Study for the Port of Colombo (P, ID.43) *Kavirathna, Chathumi (Tokyo Institute of Technology, Japan) Kawasaki, Tomoya (Tokyo Institute of Technology, Japan) Hanaoka, Shinya (Tokyo Institute of Technology, Japan) Matsuda, Takuma (Japan Maritime Center, Japan) A study on the Demand Characteristics and managerial performances of TOCs - case of Busan port (E, ID.306) *Lee, Da Ye (Korea Maritime and Ocean University, Korea) Oh, Yong Sik (Korea Maritime and Ocean University, Korea) Pricing Strategies for Multiple Port Competition and Cooperation (E, ID.318) *Liu, Qing (University of Hamburg, Germany) Xing, Wei (Qufu Normal University, China) Modelling ship emission control taxes and port privatization levels in port competition and co-operation sub-games (P, ID.221) *Cui, Han (University of Antwerp, Belgium) Notteboom, Theo (University of Antwerp, Belgium)	Session 2 - H Room: Tachibana 2, TKP in Kyoto Tower Hotel Topic: RORO Shipping and Car Industry Chair: Itoh, Hidekazu (Kwansei Gakuin University) Enhancing the role of coastal shipping in finished vehicle distribution - a viability study (P, ID.7) *Chandra, Saurabh (Indian Institute of Management Indore, India) Fagerholt, Kjetil (Norwegian University of Science and Technology, Norway) Christiansen, Marielle (Norwegian University of Science and Technology, Norway) On the relevance of maritime transport for medium-distance deliveries of auto-parts from suppliers to car manufacturers in Japan: perspectives and challenges (P, ID.191) *Itoh, Hidekazu (Kwansei Gakuin University, Japan) Guerrero, David (Université Paris Est, France) Slow steaming as part of SECA compliance strategies among RoRo and RoPax shipping companies (P, ID.117) *Raza, Zeeshan (University of Gothenburg, Sweden) Finnsgård, Christian (SSPA, Sweden) Woxenius, Johan (University of Gothenburg, Sweden) Operational measures to mitigate and reverse the potential modal shifts due to environmental legislation (P, ID.33) *Zis, Thalís (Technical University of Denmark, Denmark) Psaraftis, Harilaos (Technical University of Denmark, Denmark)

Parallel Session 3 Programme (29 June, 9:00 - 10:40)

Session 3 - A Room: Kaden, Hotel Granvia Kyoto Topic: Green Shipping (1) Chair: Li, Kevin (Chung-Ang University) A structured review of green shipping research (1987-2016) (P, ID.81) Li, Kevin (Chung-Ang University, Korea) *Xiao, Yi (Chung-Ang University, Korea) Shi, Wenming (University of Tasmania, Australia) Green shipping practices, corporate reputation, and organisational performance: An empirical study of container shipping companies (P, ID.149) Pang, Kelvin (The Hong Kong Polytechnic University, Hong Kong) Lu, Chin-shan (The Hong Kong Polytechnic University, Hong Kong) Shang, Kuo-Chung (National Taiwan Ocean University, Taiwan) *Weng, Hsiang-kai (The Hong Kong Polytechnic University, Hong Kong) Evaluating Firm Performance and Environmental Efficiency for Major Shipping Companies (E, ID.298) Gong, Xiaoxing (Dalian Maritime University, China) *Luo, Meifeng (The Hong Kong Polytechnic University, Hong Kong) Green innovation and organizational performance: The moderating role of environmental uncertainty (E, ID.299) *Ng, Michael (The Hong Kong Polytechnic University, Hong Kong) Lun, Y.H. Venus (The Hong Kong Polytechnic University, Hong Kong) Lai, Kee-hung (The Hong Kong Polytechnic University, Hong Kong) Cheng, T.C. Edwin (The Hong Kong Polytechnic University, Hong Kong) Wong, Christina W.Y. (The Hong Kong Polytechnic University, Hong Kong) Research on the Carbon Mitigation Policy of China's International Marine Transportation Activities (E, ID.276) *Ma, Xuefei (Dalian Maritime University, China) Yang, Hualong (Dalian Maritime University, China)	Session 3 - B Room: Tsurezure, Hotel Granvia Kyoto Topic: Shipbuilding Industry / Bulk Shipping (1) Chair: Sahoo, Satya Ranjan (University of Reading) Using Metafrontier Approach to Evaluate the Efficiency of Major Shipyards between China and South Korea (P, ID.46) *Chao, Shih-Liang (National Taiwan Ocean University, Taiwan) Yeh, Yi-Hung (National Taiwan Ocean University, Taiwan) Shipbuilding and business cycles: a (non-linear) econometric model of asymmetric transmissions (P, ID.203) Ferrari, Claudio (University of Genoa, Italy) Marchese, Malvina (University of Genoa, Italy) *Tei, Alessio (Newcastle University, Newcastle upon Tyne, United Kingdom) A comparison of sector-level differences in bulk shipping: an angle from freight-shipbuilding market relationships (E, ID.137) *Yao, Qian (Shanghai Jiao Tong University, China) Kou, Ying (Shanghai Jiao Tong University, China) Relationship between charter rates and cargo/fleet ratio in recent drybulk markets (E, ID.300) *Hayashi, Koichiro (NYK Line, Japan)
Session 3 - C Room: Hojo, Hotel Granvia Kyoto <i>No session scheduled.</i>	Session 3 - D Room: Shikibu, Hotel Granvia Kyoto Topic: Supply Chain Management (1) Chair: Clott, Christopher (SUNY Maritime) Innovative Solutions for Enhancing Customer Value in Third Party Logistics (P, ID.133) *Li, Qingyao (Nanyang Technological University, Singapore) Lam, Jasmine Siu Lee (Nanyang Technological University, Singapore) Zhang, Xiunian (Nanyang Technological University, Singapore) Built to Last? The Changing Role of Ocean Transportation Intermediaries: Disintermediation and Reintermediation (P, ID.77) *Clott, Christopher (SUNY Maritime, United States) Hartman, Bruce (California Maritime Academy, United States) An exploration of relationship strength and value in maritime logistics networks (P, ID.53) *Lin, Moses, Shang-Min (Ministry of Transportation and Communications, Taiwan) Potter, Andrew T (Cardiff University, United Kingdom) Integration of maritime supply chains: the effect of innovative ICT solutions (E, ID.224) *Sys, Christa (University of Antwerp, Belgium) Carlan, Valentin (University of Antwerp, Belgium) Van de Voorde, Eddy (University of Antwerp, Belgium) Vanelslender, Thierry (University of Antwerp, Belgium) Chinese Third-Party Shipping Internet Platforms: Thriving and Surviving in a Two-Sided Market (2013-2016) (P, ID.52) *Chen, Yang (Shanghai Maritime University, China) Zhang, Qiang (Shanghai Maritime University, China) Chen, Shun (Shanghai Maritime University, China)

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Session 3 - E Room: Senzai, Hotel Granvia Kyoto Topic: Shipping Industry (1) Chair: Lekakou, Maria (University of the Aegean) Does the shipping industry interact with its stakeholders? A dialogue on Corporate Responsibility in Shipping (P, ID.167) *Lekakou, Maria (University of the Aegean, Greece) Stefanidaki, Evangelia (University of the Aegean, Greece) The Tonnage Tax Scheme in Japan: A Policy Tool for Securing Maritime Transportation (P, ID.284) *Nomura, Setsuo (Japan Maritime Center, Japan) Empirical Study on the Diversity Effect in Japanese Shipping Firms (P, ID.129) Matsumoto, Mamoru (The University of Kitakyushu, Japan) *Goto, Takao (Kindai University, Japan) The relationship of leader-member exchange (LMX) quality, organizational commitment, and job performance in freight forwarding companies (E, ID.295) Weng, Kyle (The Hong Kong Polytechnic University, Hong Kong) *Lee, Chih-Wen (The Hong Kong Polytechnic University, Hong Kong) Lu, Chin-Shan (The Hong Kong Polytechnic University, Hong Kong) Analysis of Ship Pooling as a Market Solution for Shipowners (E, ID.156) *Liu, Qing (University of Hamburg, Germany) Shi, Xiaoning (University of Hamburg, Germany)	Session 3 - F Room: Kikyo, TKP in Kyoto Tower Hotel Topic: Maritime Industry and Clusters (1) Chair: Hoshino, Hiroshi (Kyushu University) International Shipping Center Membership: The Trust Factor (P, ID.179) *Yahalom, Shmuel (State University of New York, United States) Guan, Changquin (United States Merchant Marine Academy, United States) A state-of-the art framework for analysing and promoting innovation in the maritime industry in non-metropolitan regions (P, ID.60) *Djoumessi Mouafo, Armand (University of Tasmania, Australia) Chen, Peggy Shu-Ling (University of Tasmania, Australia) Cahoon, Stephen (University of Tasmania, Australia) A policy analysis of Shanghai maritime cluster development (P, ID.143) *Yu, Jun (Shanghai Maritime University, China) Guan, Changqian (U.S. Merchant Marine Academy, United States) Yahalom, Shmuel (Sam) (State University of New York, United States) Spatial Concentration and Regional Specialization of Maritime Manufacturing Industry in Japan (P, ID.183) *Domae, Koji (Kobe University, Japan) Matsumoto, Hidenobu (Kobe University, Japan)
Session 3 - G Room: Tachibana 1, TKP in Kyoto Tower Hotel Topic: Competition and Cooperation by Game Theory Chair: Segi, Shunsuke (Kyoto University) 'Tool port' to 'landlord port': A game theory approach to analyse gains from governance model transformation (P, ID.70) *Munim, Ziaul Haque, (University of Agder, Norway) Saeed, Naima (University of Agder, Norway) Larsen, Odd I. (Molde University College, Norway) A game theoretical approach to the effects of private objective orientation and service differentiation on port authorities' willingness to cooperate (P, ID.95) *Cui, Han (University of Antwerp, Belgium) Notteboom, Theo (University of Antwerp, Belgium) Application of game theory and uncertainty theory in the competition among container terminals in Northeast Vietnam (E, ID.281) *Nguyen, Duc Minh (Mokpo National Maritime University, Korea) Kim, Sung-June (Mokpo National Maritime University, Korea)	Session 3 - H Room: Tachibana 2, TKP in Kyoto Tower Hotel Topic: Shortsea Shipping Chair: Hoffmann, Jan (UNCTAD) Motorways of the Sea competitiveness. Optimal pricing and potential subsidising initiatives. (E, ID.327) *Morales-Fusco, Pau (CENIT - Centre d'Innovació del Transport, Spain) Saurí, Sergi (CENIT - Centre d'Innovació del Transport, Spain) Bunker levy schemes and their impact on the competitiveness of short sea shipping (P, ID.161) *Kosmas, Vasileios (Kühne Logistics University, Germany) Acciaro, Michele (Kühne Logistics University, Germany) Influence on the competitiveness of the intermodal chains of the possible technical solutions for short sea shipping fleets by operating in ECA zones (P, ID.5) Martínez-López, Alba (University of Las Palmas de Gran Canaria, Spain) *Chica González, Manuel (University of Las Palmas de Gran Canaria, Spain) Trujillo Castellano, Lourdes (University of Las Palmas de Gran Canaria, Spain) An economic analysis of the costal shipping market in Japan (E, ID.303) *Hashimoto, Satoru (Teikyo University, Japan) Tezuka, Koichiro (Nihon University, Japan) Applying QFD to assess quality of short sea shipping: An Empirical Study on Cross-Strait high speed ferry service between Taiwan and Mainland China (P, ID.141) *Huang, Sheng Teng (National Taiwan Ocean University, Taiwan) Shang, Kuo Chung (National Taiwan Ocean University, Taiwan) Su, Chien Min (National Taiwan Ocean University, Taiwan) Chang, Ki Yin (National Taiwan Ocean University, Taiwan) Tzeng, Yi Ting (National Taiwan Ocean University, Taiwan)

Parallel Session 4 Programme (29 June, 11:00 - 12:20)

Session 4 - A Room: Kaden, Hotel Granvia Kyoto Topic: Green Shipping (2) Chair: Psaraftis, Harilaos (Technical University of Denmark) Energy efficiency with the application of virtual arrival policy (P, ID.166) *Jia, Haiying (Norwegian School of Economics, Norway) Ådland, Roar (Norwegian School of Economics, Norway) Prakash, Vishnu (University College London, United Kingdom) The internalisation of short-term marginal external costs of sea transport (E, ID.280) *Vierth, Inge (Swedish National Road and Transport Research Institute, Sweden) Do energy audits help shipping companies implement energy efficiency measures? A case study (E, ID.148) *von Knorring, Hannes (University of Gothenburg, Sweden) Decarbonization of international shipping: at a crossroads with uncertain outcome (P, ID.114) *Psaraftis, Harilaos (Technical University of Denmark, Denmark)	Session 4 - B Room: Tsurezure, Hotel Granvia Kyoto Topic: Bulk Shipping (2) Chair: Duru, Okan (Nanyang Technological University) Dry Bulk Tramp Shipping: Insights on world and Brazilian markets (E, ID.40) *Robles, Leo Tadeu (Federal University of Maranhao, Brazil) Paixao Casaca, Ana Cristina (Federal University of Maranhao, Brazil) Bomer Galvao, Cassia (Catholic University of Sao Paulo, Brazil) Sampaio Cutrim, Sergio (Federal University of Maranhao, Brazil) Cardoso Guerise, Luciana (Federal University of Maranhao, Brazil) Ship Scheduling in Tramp Shipping Based on Choice Behaviors of Shippers and the Spatial/Temporal Transport Demand (P, ID.87) *Chen, Dongxu (Dalian Maritime University, China) Li, Xiang (Dalian Maritime University, China) Chen, Kang (Dalian Maritime University, China) Yang, Zhongzhen (Dalian Maritime University, China) Testing for the Burst of Bubbles in Dry Bulk Shipping Market Using Log Periodic Power Law Model (P, ID.49) *Chen, Shun (Shanghai Maritime University, China) Zheng, Shiyuan (Shanghai Maritime University, China) Chen, Yang (Shanghai Maritime University, China) The Formation of FFA Rates in Dry Bulk Shipping: Spot Rates, Risk Premia, and Heterogeneous Expectations (P, ID.111) *Moutzouris, Ioannis (City University London, United Kingdom) Nomikos, Nikos (City University London, United Kingdom)
Session 4 - C Room: Hojo, Hotel Granvia Kyoto Topic: Container Terminal Chair: Lam, Jasmine Siu Lee (Nanyang Technological University) Berth Allocation - Do we have it all wrong? (E, ID.329) *Voss, Stefan (University of Hamburg, Germany) A Simulation-based Capacity Assessment of Operations Strategies and Layouts for Large-scale Container Terminals (P, ID.58) Yu, Young Bin (National University of Singapore, Singapore) *Lee, Byung Kwon (National University of Singapore, Singapore) Chi, Hongtao (National University of Singapore, Singapore) Lee, Loo Hay (National University of Singapore, Singapore) Chew, Ek Peng (National University of Singapore, Singapore) Containership Bay Time and Crane Productivity: Are They On the Path of Convergence? (P, ID.178) *Yahalom, Shmuel (State University of New York, United States) Guan, Changquin (United States Merchant Marine Academy, United States) Smart and green cargo handling equipment for next generation ports (P, ID.182) *Lam, Jasmine Siu Lee (Nanyang Technological University, Singapore) Tripathi, Anshuman (Nanyang Technological University, Singapore) Athlekar, Satyajit (Nanyang Technological University, Singapore) Du, Jiani (Nanyang Technological University, Singapore, Singapore)	Session 4 - D Room: Shikibu, Hotel Granvia Kyoto Topic: Supply Chain Management (2) / Inland Waterway Transport Chair: Wilmsmeier, Gordon (Universidad Los Andes) Exploratory Factor Analysis - Antecedents of Information Sharing in Supply Chains (P, ID.59) *Maskey, Reenu (University of Tasmania, Australia) Fei, Dr. Jiangang (University of Tasmania, Australia) Nguyen, Dr. Hong-Oanh (University of Tasmania, Australia) The Values of Collaborative Transportation Management in Taiwan's Manufacturing Industry: The Moderating Effect of Guanxi (P, ID.126) *Yang, Ching-Chiao (National Kaohsiung Marine University, Taiwan) Kao, Jui-Chung (National Kaohsiung Marine University, Taiwan) Yueh, Meng-Hsin (National Kaohsiung Marine University, Taiwan) Inland waterways in South America - policies, regional integration and classification challenges (E, ID.237) *Wilmsmeier, Gordon (Universidad Los Andes, Colombia) Jaimurzina, Azhar (UN-ECLAC, Chile) Price elasticities and logit model coefficients to predict modal shares of transport by water (P, ID.54) *Veldman, Simme (Ecorys Nederland BV, Netherlands) van Balen, Mitchell (Ecorys Nederland BV, Netherlands) Gille, Johan (Ecorys Nederland BV, Netherlands)

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Session 4 - E Room: Senzai, Hotel Granvia Kyoto Topic: Shipping Industry (2) Chair: Parola, Francesco (University of Genoa) Cash Holdings in the Shipping Industry (P, ID.55) Ahrends, Meike (Hamburg University, Germany) *Drobetz, Wolfgang (Hamburg University, Germany) Nomikos, Nikos (Cass Business School, United Kingdom) Seller and Buyer effects on individual second hand ship prices (P, ID.31) *Peng, Wen Hao (The Hong Kong Polytechnic University, Hong Kong) Ådland, Roar (Norwegian School of Economics, Norway) Yip, Tsz Leung (The Hong Kong Polytechnic University, Hong Kong) Value drivers and M&A activity in the European ro-pax and ferry market: Asset pricing and target firm valuation (E, ID.332) Satta, Giovanni (University of Genoa, Italy) *Parola, Francesco (University of Genoa, Italy) Barbieri, Enrico (EY S.p.A., Italy) Duci, Gian Enzo (University of Genoa, Italy)	Session 4 - F Room: Kikyo, TKP in Kyoto Tower Hotel Topic: Maritime Industry and Clusters (2) Chair: Pallis, Athanasios (University of the Aegean) Unveiling configurations of shipping clusters: Challenges and Opportunities in the case of Piraeus (P, ID.222) *Vaggelas, George (University of the Aegean, Greece) Kladaki, Evie (University of the Aegean, Greece) Pallis, Athanasios (Thanos) (University of the Aegean, Greece) The Impact of New Logistics Developments in the Panama Canal Interoceanic Region on the Economy of Panama (P, ID.211) *Pagano, Anthony M. (University of Illinois at Chicago, United States) Sanchez, Onesimo V. (Panama Canal Authority, Panama) Ungo, Ricardo (Panama Canal Authority, Panama) Lachman, Ruben (INTRACORP, Panama) The Compilation of the East Asia International Logistics Database (E, ID.287) *Fukasaku, Kazuhisa (Japan Transport Research Institute, Japan)
Session 4 - G Room: Tachibana 1, TKP in Kyoto Tower Hotel Topic: Maritime Geography Chair: Guerrero, David (Université Paris Est) Inland accessibility and foreland specialization of European regions (P, ID.144) *Guerrero, David (Université Paris Est, France) Pais-Montes, Carlos (University of A Coruña, Spain) Freire-Seoane, Maria-Jesus (University of A Coruña, Spain) Gonzalez-Laxe, Fernando (University of A Coruña, Spain) Does competitive investment cause inefficiency in European container ports? (P, ID.112) *Merkel, Axel (Molde University College, Norway) Port system evolution – the emergence of second-tier hubs (P, ID.63) *Monios, Jason (Edinburgh Napier University, United Kingdom) Wilmsmeier, Gordon (Universidad Los Andes, Colombia) Ng, Adolf (University of Manitoba, Canada) Peripherality in Ports: A Literature Review on Concentration – Deconcentration Factors (P, ID.293) *Wiradanti, Bahana (Cardiff University, United Kingdom) Pettit, Stephen (Cardiff University, United Kingdom) Potter, Andrew (Cardiff University, United Kingdom) Abouarghoub, Wessam (Cardiff University, United Kingdom) Beresford, Anthony (Cardiff University, United Kingdom)	Session 4 - H Room: Tachibana 2, TKP in Kyoto Tower Hotel <i>No session scheduled.</i>

Parallel Session 5 Programme (29 June, 13:20 - 15:00)

Session 5 - A Room: Kaden, Hotel Granvia Kyoto Topic: Green Shipping (3) Chair: Acciaro, Michele (Kühne Logistics University) Economic impacts of wind-assisted cargo ships: short appraisal (P, ID.162) Baumler, Raphaël (World Maritime University, Sweden) *Lendjel, Emeric (University Paris 1 Panthéon-Sorbonne, France) Alternative fuels for shipping: optimising fleet composition under environmental and economic constraints (P, ID.164) *Acciaro, Michele (Kühne Logistics University, Germany) Nair, Abhishek (Erasmus University Rotterdam, Netherlands) Liquified Natural Gas (LNG) as a Marine Fuel: Optimising the Associated Infrastructure in the Baltic Sea Region (P, ID.64) Dalaklis, Dimitrios (World Maritime University, Sweden) Ölçer, Aykut (World Maritime University, Sweden) *Ballini, Fabio (World Maritime University, Sweden) Madjidian, Josefin (World Maritime University, Sweden) Kitada, Momoko (World Maritime University, Sweden) Green Liner Shipping Network Design: A Bi-Objective Non-Linear TSP Based Model (P, ID.21) *Cariou, Pierre (Kedge Business School, France) Cheaitou, Ali (University of Sharjah, United Arab Emirates) Larbi, Rim (University of Sharjah, United Arab Emirates) A Network-based Approach to reduce Pollution in Empty Container Management (E, ID.328) Schulte, Frederik (University of Hamburg, Germany) *Voß, Stefan (University of Hamburg, Germany)	Session 5 - B Room: Tsurezure, Hotel Granvia Kyoto Topic: Freight Market (1) Chair: Alizadeh, Amir (City University London) Disentangling demand and supply shocks in the dry-bulk shipping freight market (E, ID.302) *Nomikos, Nikos (City University London, United Kingdom) Tsouknidis, Dimitris (Cyprus University of Technology, Cyprus) A Regime Switching Approach for Forecasting Short and Long Term Dry Bulk Freight Rates (P, ID.101) Abouarghoub, Wessam (Cardiff Business School, United Kingdom) *Alizadeh, Amir (City University London, United Kingdom) The Risk Management Function of Freight Derivatives Revisited: The Case of Different Vessel Sectors (P, ID.110) Visvikis, Ilias (World Maritime University, Sweden) *Sahoo, Satya Ranjan (University of Reading, United Kingdom) Alexandridis, George (University of Reading, United Kingdom) What determines the differential between time-charter rates and FFAs? (P, ID.102) Alizadeh, Amir (City University London, United Kingdom) *Ådland, Roar (Norwegian School of Economics, Norway)
Session 5 - C Room: Hojo, Hotel Granvia Kyoto Topic: Port Performance (1) Chair: Tei, Alessio (Newcastle University) Developing a Comprehensive Approach to Port Performance Assessment (P, ID.184) *Duru, Okan (Nanyang Technological University, Singapore) Galvao, Cassia B. (Pontificia Universidade Catolica de Sao Paulo, Brazil) Robles, Leo Tadeu (Universidade Federal do Maranhao, United States) Mileski, Joan P. (Texas A&M University at Galveston, United States) Gharehgozli, Amir (Texas A&M University at Galveston, United States) Measuring the missing link in port performance evaluation: Port users perspectives (E, ID.225) *Vaggelas, George (University of the Aegean, Greece) Pallis, Athanasios (Thanos) (University of the Aegean, Greece) Kladaki, Evie (University of the Aegean, Greece) Terminal container efficiency and handling technologies: a framework study (E, ID.292) Ghiara, Hilda (University of Genoa, Italy) Kemme, Nils (HPC, Germany) Eckert, Carsten (HPC, Germany) *Tei, Alessio (Newcastle University, United Kingdom) Social Capital in Collaborative Port Relationships and its Effects on Port Performance (P, ID.188) *Scheuring, Florian Guenter (Heriot-Watt University, United Kingdom) Karamperidis, Stavros (Heriot-Watt University, United Kingdom) Nic Craith, Mairead (Heriot-Watt University, United Kingdom)	Session 5 - D Room: Shikibu, Hotel Granvia Kyoto Topic: Maritime Supply Chain and Resilience Chair: Doms, Michael (Vrije Universiteit Brussel) Visit Global Supply Chain Integration with Maritime Transportation: Practices, Processes and Principles (E, ID.338) *Wang, Ping (Texas A&M University at Galveston, United States) Mileski, Joan (Texas A&M University at Galveston, United States) Service recovery and customer satisfaction in container liner shipping industry – An ordered logit approach (P, ID.120) *Hirata, Enna (Kobe University, Japan) How Risk Management Fails To Protect Maritime Supply Chains Through Climate Change Risk Impacts: A Literature Critique. (P, ID.9) *Dyer, Jack (University of Tasmania, Australia) Tools to improve resilience of critical ports and dependent supply chain systems (E, ID.324) *Achuthan, Kamal (University College London, United Kingdom) Fujiyama, Taku (University College London, United Kingdom) French, Jon (University College London, United Kingdom) Mawdsley, Robert (University College London, United Kingdom) Resilience in seaports, a conceptual approach (P, ID.227) *Vonck, Indra (Deloitte Netherlands, Global Port Services, Netherlands) Notteboom, Theo (Ghent University, Belgium) Doms, Michael (Vrije Universiteit Brussel, Belgium)

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Session 5 - E Room: Senzai, Hotel Granvia Kyoto	Session 5 - F Room: Kikyo, TKP in Kyoto Tower Hotel Topic: Information and Digitization Chair: Watanabe, Daisuke (Tokyo University of Marine Science and Technology)
<i>No session scheduled.</i>	What Impedes the Big Data Analytics Adoption in Maritime Organizations? A fuzzy Delphi-AHP-TOPSIS Based Framework for Barrier Identification (P, ID.134) *Zhang, Xiunian (Nanyang Technological University, Singapore) Lam, Jasmine Siu Lee (Nanyang Technological University, Singapore) Shipping 4.0: Technology Stack and Digital Innovation Challenges (P, ID.155) *Lambrou, Maria (University of the Aegean, Greece) Ota, Masaharu (Osaka City University, Osaka, Japan) Smart Maritime Region Design (E, ID.330) *Dovbischuk, Irina (University of Bremen, Germany) Haasis, Hans-Dietrich (University of Bremen, Germany) On Introducing Electronic Information Systems for Port Administrative Procedures in Developing Countries (P, ID.257) *Iida, Junya (National Institute for Land and Infrastructure Management, Japan) Shishido, Tatsuyuki (The Overseas Coastal Area Development Institute of Japan, Japan) Shibasaki, Ryuichi (The University of Tokyo, Japan) About Claims and Realities of Digitization in Current Maritime Transportation Chains (P, ID.228) Schramm, Hans-Joachim (WU Wirtschaftsuniversität Wien, Austria) Prockl, Günter (CBS Copenhagen Business School, Denmark) *Kolar, Petr (University of Economics, Prague, Czech Republic)
Session 5 - G Room: Tachibana 1, TKP in Kyoto Tower Hotel Topic: Liner Shipping Industry Chair: Notteboom, Theo (Shanghai Maritime University)	Session 5 - H Room: Tachibana 2, TKP in Kyoto Tower Hotel Topic: Intermodal Transport Chair: Shibasaki, Ryuichi (The University of Tokyo)
The liner shipping industry: looking beyond firms - markets structure, competition and concentration (P, ID.229) *Gonzalez-Aregall, Marta (University of Gothenburg, Sweden) Spengler, Thomas (Hochschule Bremen, Germany) Wilmsmeier, Gordon (Universidad de Los Andes, Colombia) Challenges and opportunities for secondary ports in a context of crisis of the liner industry: The case of Le Havre, France (E, ID.251) Toutain, Lena (Université Paris Est, France) *Guerrero, David (Université Paris Est, France) The relationship between port choice and terminal involvement of alliance members in container shipping (P, ID.216) *Notteboom, Theo (Shanghai Maritime University, China) Parola, Francesco (University of Genoa, Italy) Satta, Giovanni (University of Genoa, Italy) Pallis, Thanos (University of the Aegean, Greece) Port Congestion and Economies of Scale: The Large Containerships Factor (P, ID.131) *Guan, Changqian (U.S. Merchant Marine Academy, United States) Yahalom, Shmuel (Sam) (State University of New York Maritime College, United States) Yu, Jun (Daniel) (Shanghai Maritime University, China)	Feasibility of the intermodal chains articulated through MoS in Chile (P, ID.6) Martínez-López, Alba (University of Las Palmas de Gran Canaria, Spain) Caamaño Sobrino, Pilar (NATO Science and Technology Organization, Italy) Trujillo Castellano, Lourdes (University of Las Palmas de Gran Canaria, Spain) *Chica González, Manuel (University of Las Palmas de Gran Canaria, Spain) Port choice of West African container ports (E, ID.286) *Veldman, Simme (ECORYS Nederland BV, Netherlands) leeuwenburgh, sophie (ECORYS Nederland BV, Netherlands) Gateway Seaport Competition of Central Asian Container Cargo across the Eurasian Continent: Modelling and Policy Simulation (E, ID.334) *Shibasaki, Ryuichi (The University of Tokyo, Japan) Tanabe, Satoshi (PADECO Co., Ltd., Japan) Kato, Hironori (The University of Tokyo, Japan) Cost Saving Potential of Upstream Buyer Consolidation and Downstream Intermodal Rail-based Solutions in the China-Europe Container Trades (P, ID.24) *Lin, Ning (Molde University College, Norway) Hjelle, Harald (Molde University College, Norway) Bergqvist, Rickard (University of Gothenburg, Sweden)

Parallel Session 6 Programme (29 June, 15:20 - 17:00)

Session 6 - A Room: Kaden, Hotel Granvia Kyoto Topic: Green Port (1) Chair: Okada, Akira (Tokyo City University) Sustainability reporting by port authorities: a comparative analysis of leading world ports (E, ID.317) *Geerts, Magali (Vrije Universiteit Brussel, Belgium) Dooms, Michaël (Vrije Universiteit Brussel, Belgium) Optimal Maintenance Strategies for Developing Sustainable Port Infrastructures (E, ID.273) *Zhang, Yi (Kyoto University, Japan) Kim, Chul-Woo (Kyoto University, Japan) Lam, Jasmine Siu Lee (Nanyang Technological University, Singapore) Sustainable performance and benchmarking in container terminals (P, ID.238) *Spengler, Thomas (Hochschule Bremen, Germany) Wilmsmeier, Gordon (Universidad Los Andes, Colombia)	Session 6 - B Room: Tsurezure, Hotel Granvia Kyoto Topic: Freight Market (2) Chair: Tezuka, Koichiro (Nihon University) Does the Size Matter? The Optimization of Data Interval Sizes to Forecast Future Freight Rates (P, ID.135) *Ware, Thompson (Texas A&M University at Galveston, United States) Gharehgozli, Amir (Texas A&M University at Galveston, United States) Mileski, Joan (Texas A&M University at Galveston, United States) Technical Analytics and Freight Rate Forecasting (P, ID.118) Mileski, Joan (Texas A & M University at Galveston, United States) Gharehgozli, Amir (Texas A & M University at Galveston, United States) Duru, Okan (Nanyang Technological University, Singapore) *Clott, Chris (SUNY Maritime College, United States) Galvao, Cassia (Pontificia Universidade Catolica de Sao Paulo - PUC/SP, Brazil) Freight Rate Forecasting Using the Rolling Window Testing Procedure (P, ID.113) *Gharehgozli, Amir (Texas A&M University at Galveston, United States) Duru, Okan (Nanyang Technological University, Singapore) Bulut, Emrah (Department of Business Administration, Transport Economics & Management, Turkey)
Session 6 - C Room: Hojo, Hotel Granvia Kyoto Topic: Port Performance (2) Chair: Gonzalez-Aregall, Marta (University of Gothenburg) Enhancing the performance of Libya's Ports: An investigation of local stakeholders' experience (P, ID.8) *Elferjani, Ismail (RMIT University, Australia) Ghashat, Hesham (The head of the Libya Center for Transport Research and Studies, Libya) Evolutionary Technical Efficiency and Productivity: An application to Small Island Developing States (SIDS) ports with emphasis on the Caribbean (P, ID.67) *Julien, Shelly-Ann (Edinburgh Napier University, United Kingdom) Cowie, Johnathan (Edinburgh Napier University, United Kingdom) Monios, Jason (Edinburgh Napier University, United Kingdom) Port efficiency: a critical comparative review of international and Brazilian ports literature (P, ID.73) Galvao, Cassia B. (Pontificia Universidade Católica de São Paulo, Brazil) *Robles, Leo T. (Universidade Federal do Maranhao, Brazil) Container terminal efficiencies and determinants in China (P, ID.253) *Chang, Young-Tae (Inha University, Korea) Xiao, Wei (Inha University, Korea) Persistent and transient efficiency on container port terminals in Europe (P, ID.223) *Gonzalez-Aregall, Marta (University of Gothenburg, Sweden) Rosell, Jordi (Universitat de Barcelona, Spain)	Session 6 - D Room: Shikibu, Hotel Granvia Kyoto Topic: Maritime Risk Management Chair: Abe, Motohisa (Hokkaido University) Tail risk and the asset allocation problem in shipping equity portfolios (E, ID.325) *Pouliasis, Panos (City University London, United Kingdom) Papapostolou, Nikos (City University London, United Kingdom) Kyriakou, Ioannis (City University London, United Kingdom) Visvikis Ilias (World Maritime University, Sweden) Bunker hedging with Expected Loss Control by buffered Probability of Exceedance and Conditional Value-at-Risk (P, ID.217) *Sun, Xiaolin (Shanghai Maritime University, China) Ding, Shuxin (Beijing Institute of Technology, China) Projecting The Future Of Pacific Ports, Shipping and Maritime Supply Chains: Evolving Climate Change Risk Management into Risk Opportunities. (P, ID.13) *Dyer, Jack (University of Tasmania, Australia) Simulation-based catastrophe-induced seaport loss estimation (P, ID.91) *Cao, Xinhua (Nanyang Technological University, Singapore) Lam, Jasmine Siu Lee (Nanyang Technological University, Singapore) Catastrophe Risk Analysis of Ports and Industrial Clusters: A Framework and Case Study (P, ID.93) *Cao, Xinhua (Nanyang Technological University, Singapore) Lam, Jasmine Siu Lee (Nanyang Technological University, Singapore)

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Session 6 - E Room: Senzai, Hotel Granvia Kyoto	Session 6 - F Room: Kikyo, TKP in Kyoto Tower Hotel Topic: Containerization and Future Forecast Chair: Lirn, Ted TC (National Taiwan Ocean University)
<i>No session scheduled.</i>	A study on the quality management of containerised grains in Asia (P, ID.198) *Lirn, Ted TC (National Taiwan Ocean University, Taiwan) Bremer, Peik (University of Applied Sciences Wuerzburg-Schweinfurt, Germany) Liu, Judy C.J. (National Taiwan Ocean University, Taiwan) The structure of decision making process in the Bulk Cargo Containerization (E, ID.315) *Matsuda, Takuma (Japan Maritime Center, Japan) Hanaoka, Shinya (Tokyo Institute of Technology, Japan) Kawasaki, Tomoya (Tokyo Institute of Technology, Japan) Applying Data Mining Techniques for Port Throughput Prediction (E, ID.320) *Shen, Chung-Wei (National Cheng Kung University, Taiwan) Kuo, Pei-Fen (Central Police University, Taiwan) Yu, Ming-Miin (National Taiwan Ocean University, Taiwan)
Session 6 - G Room: Tachibana 1, TKP in Kyoto Tower Hotel Topic: Ship Routing and Network Design Chair: Ishiguro, Kazuhiko (Kobe University)	Session 6 - H Room: Tachibana 2, TKP in Kyoto Tower Hotel Topic: Dry Port Chair: Yang, Dong (Hong Kong Polytechnic University)
A Route Generation Algorithm for Finding the Shipping Route with Minimal Fuel Consumption (E, ID.311) Tanaka, Mirai (Tokyo University of Science, Japan) *Kobayashi, Kazuhiro (Tokyo University of Science, Japan) Full Fuzzy network design under consideration of equipment imbalance costs (P, ID.246) von Westarp, Arnd (Hamburg Süd, Germany) *Schinas, Orestis (HSBA, Germany) An Empirical Analysis on the Importance of the Availability of Bunkering Service in the Port Choice (P, ID.56) *Low, Joyce M W. (Singapore Management University, Singapore) Tang, Loon Ching (National University of Singapore, Singapore) Liner service network design with transit deadline and variable speed (E, ID.309) *Zhang, Yan (Dalian Maritime University, China) Yang, Hualong (Dalian Maritime University, China)	The relation between dry port characteristics and regional port-hinterland settings: an analysis of a global sample of dry ports (P, ID.75) *Nguyen, Canh Lam (University of Antwerp, Belgium) Notteboom, Theo (University of Antwerp, Belgium) The Impact of Dry Port Operations on Container Seaports Competitiveness (P, ID.15) *Jeevan, Jagan (University of Malaysia Terengganu, Malaysia) Chen, Shu-Ling (University of Tasmania, Australia) Cahoon, Stephen (University of Tasmania, Australia) Efficiency evaluation of Chinese dry ports using a two-stage analysis approach (E, ID.308) *Chang, Zheng (Dalian Maritime University, China) Yang, Dong (Hong Kong Polytechnic University, Hong Kong) Wan, Yulai (Hong Kong Polytechnic University, Hong Kong) Lu, Jing (Dalian Maritime University, China)

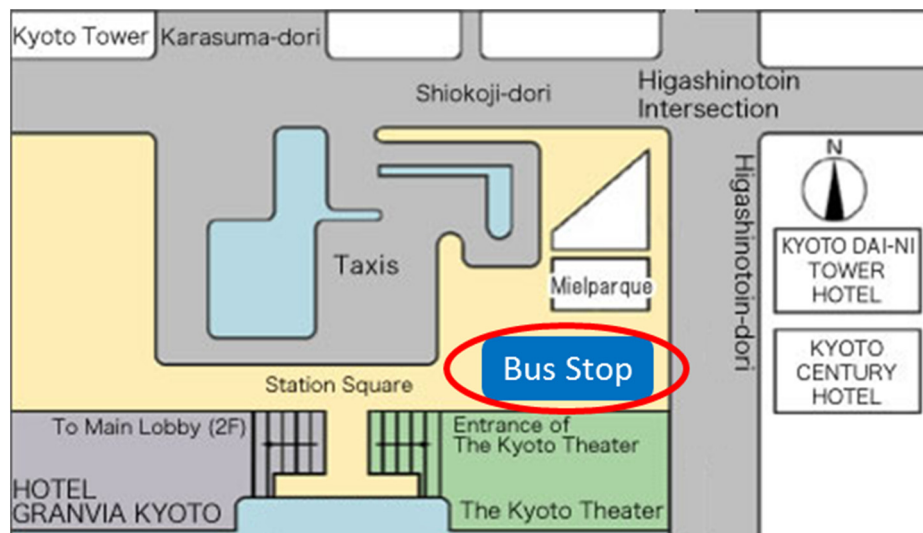
Parallel Session 7 Programme (30 June, 09:00 - 10:40)

Session 7 - A Room: Kaden, Hotel Granvia Kyoto Topic: Green Port (2) Chair: Chang, Young-Tae (Inha University) Oil spill response in ports: Governance, practices and polluter pay principles (P, ID.212) *Carlan, Valentin (University of Antwerp, Belgium) Heaver, Trevor (University of British Columbia, Canada) Sys, Christa (University of Antwerp, Belgium) Vanelander, Thierry (University of Antwerp, Belgium) Have Emission Control Areas (ECA) hurt port efficiency in Europe? (P, ID.255) *Chang, Young-Tae (Inha University, Korea) Park, Hyosoo (Inha University, Korea) Lee, Suhyung (Inha University, Korea) Kim, Eunsoo (Korea Maritime Institute, Korea) Challenges and bottlenecks for green port management in Africa: the case of Kenya (E, ID.98) Muganga, Denis (Kenya Ports Authority, Kenya) *Dooms, Michaël (Vrije Universiteit Brussel, Belgium) Green Port Practices and Green Performance in Taiwan (E, ID.290) *Tsai, Hsu Li (Taipei College of Maritime Technology, Taiwan) Lu, Chin Shan (The Hong Kong Polytechnic University, Hong Kong) Chang, Chih Ching (National Taiwan Ocean University, Taiwan)	Session 7 - B Room: Tsurezure, Hotel Granvia Kyoto Topic: Freight Market (3) Chair: Kavussanos, Manolis (Athens University of Economics and Business) Market power effects in shipping freight markets (E, ID.116) *Kavussanos, Manolis (Athens University of Economics and Business, Greece) Moysiadou, Stella (Athens University of Economics and Business, Greece) What makes a freight market index? An empirical analysis of vessel fixtures in the offshore market (E, ID.269) Ådland, Roar (Norwegian School of Economics, Norway) Cariou, Pierre (Kedge Business School, France) *Wolff, François-Charles (University of Nantes, France) An analysis on attitudes toward risk in shipping freight markets (E, ID.304) Ishii, Masahiro (Sophia University, Japan) *Tezuka, Koichiro (Nihon University, Japan) Understanding the Fundamentals of Freight Markets Volatility (P, ID.208) Guan, Lim Kian (Singapore Management University, Singapore) *Nomikos, Nikos (City University London, United Kingdom)
Session 7 - C Room: Hojo, Hotel Granvia Kyoto Topic: Port Hinterland Planning and Strategies Chair: Kim, Kap Hwan (Pusan National University) The external costs of trailer transport: A comparison of sea and road (E, ID.279) *Vierth, Inge (Swedish National Road and Transport Research Institute, Sweden) Sowa, Victor (Seat24Travel AB, Sweden) Cullinane, Kevin (University of Gothenburg, Sweden) Pre-marshaling Inbound Containers Utilizing Truck Arrival Information (P, ID.76) *Kim, Kap Hwan (Pusan National University, Korea) Gui, Lin (Pusan National University, Korea) Assessing the value of information from truck tracking system for congested container terminal (E, ID.96) *Segi, Shunsuke (Kyoto University, Japan) Furuichi, Masahiko (Kyoto University, Japan) Ninomiya, Tamotsu (Hakata Port Terminal Co., Ltd., Japan) Solutions for effective landside traffic control at container terminals- An abductive approach- (P, ID.259) *Motono, Ichio (Ministry of Land, Infrastructure, Transport and Tourism, Japan) Furuichi, Masahiko (Kyoto University, Japan) Segi, Shunsuke (Kyoto University, Japan)	Session 7 - D Room: Shikibu, Hotel Granvia Kyoto Topic: Maritime Policy and Security Chair: Mileski, Joan (Texas A & M University at Galveston) Verified Gross Mass (VGM) Adoption at Leading Seaports: A Diffusion of Innovation Assessment of Implementation (P, ID.145) Fedi, Laurent (KEDGE Business School, France) *Lavissiere, Alexandre (KEDGE Business School, France) Russell, Dawn (KEDGE Business School, France) Cyberattacks On Ships: A Wicked Problem Approach (P, ID.74) *Mileski, Joan (Texas A & M University at Galveston, United States) Galvao, Cassia (Pontificia Universidade Catolica de Sao Paulo - PUC/SP, Brazil) Clancy, Edward (Texas A & M University at Galveston, United States) Use of Bayesian Network to Model Risk-based Port State Control Inspection (P, ID.68) *Yang, Zhisen (Liverpool John Moores University, United Kingdom) Yang, Zaili (Liverpool John Moores University, United Kingdom) Yin, Jingbo (Shanghai Jiaotong University, China) The Myths and Realities of Maritime Rules and Regulations (P, ID.213) *Meenaksi, Bhirugnath-Bhookhun (MICS, CILT, Mauritius) Kishtoo, Anoushka (MICS, CILT, Mauritius) The impact of Nairobi International Convention on the Removal of Wrecks for Taiwan (P, ID.109) *Hong, PeiYun (National Kaohsiung Marine University, Taiwan) Yu, Huilung (National Kaohsiung Marine University, Taiwan)

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Shuttle Buses for Gala Dinner (17:30 - 18:00 on 29th June)

Shuttle buses for Gala Dinner depart several times from 17:30 to 18:00 on 29th June. Please bring your conference name tag to show that you are registered for the Gala Dinner. The dress code of the restaurant is business casual.

Shuttle Bus for Port Tour (13:45 on 30th June)

Shuttle bus for Port Tour departs at 13:45 on 30th June. Please bring your conference name tag to show that you are registered for the port tour. Please also bring your passport to enter port area.

Gala Dinner

Date: 29 June 18:30 - 21:00

Venue: The SODOH Higashiyama Kyoto

The restaurant offers unique collaboration of Italian cuisine and Japanese architecture. Please also enjoy Japanese-style painting by the great master Seiho Takeuchi. The house used to be his private residence. Please see Kyoto's refinement through the Japanese-style house and the garden that exhibits the colours of the four seasons. The large residence overlooking Yasaka Pagoda to the west and Kodai-Ji Temple to the north has been a place of interaction between cultures and arts. Ingenious course dishes are prepared with great sensitivity to the freshness of ingredients, especially being concerned with the use of local products.



Shuttle Buses to the Venue (17:30 - 18:00)

Shuttle buses depart Hotel Granvia Kyoto several times from 17:30 to take you to the restaurant. Please bring your conference name tag to show that you are registered for the Gala Dinner. The dress code of the restaurant is business casual.

Shuttle Buses back to Hotel Granvia Kyoto after the Dinner (21:00 -)

Kyoto City Government does not allow restaurants to open after 21:00 in the historical area. Please swiftly follow the local organizers to walk to the shuttle bus parking space as soon as the Gala dinner finishes. We appreciate your cooperation to keep quiet atmosphere at night.