Oxford-Kobe Seminars

The 1st Oxford-Kobe International Maritime Seminar:

DEVELOPMENT OF SUSTAINABLE MARITIME ACTIVITIES

25-27 May 2006
Kobe Institute, Kobe, Japan

Sponsored by
St Catherine's College, Oxford
Kobe Institute

Co-sponsored by
Kobe University
Center for EU Business Law Studies, Kwansei Gakuin University

Supported by
Ministry of Land Infrastructure and Transport, Japan
Hyogo Prefecture
City of Kobe
Port & Harbor Bureau, City of Osaka
Hyogo Earthquake Memorial 21st Century Research Institute
Japan Institute of Navigation
The Japan Institution of Marine Engineering
Japanese Pilots’ Association
Japan Captains Association
All Nippon Seamen’s Union
Japan Marine Science Inc
M.O. Marine Consulting, Ltd
The Japan Maritime Daily
Taylor and Francis

St Catherine’s College (University of Oxford) Kobe Institute
The 1st Oxford-Kobe International Maritime Seminar:  
Development of sustainable maritime activities

Greetings from the Seminar Organisers

All Organising Committee members welcome all of you to the first Oxford Kobe International Maritime Seminar and express appreciation for sponsorships and supports to the seminar.

There are a number of issues for the maritime activities which require discussion. These include problems of ship operations, seafarers, management of ports and relevant infrastructure, protection of the environment and maritime policy.

Our modern society is dependent on the mobility of commodities and is lowering barriers for trade in the rapid progress of globalisation and information technology so that maritime transport plays a central role in the cross-national transport of cargo, accounting for more than 90% of international displacement of materials.

It is necessary to develop ports and other infrastructures and build up a global network in order to effectively deliver required materials and quantities at reasonable charges to every corner of the world. International co-operation is vital for maintaining the network and improving its efficiency. It is imperative to take a serious look at not only understanding maritime transport and ports but also the use and protection of our seas and oceans. The final goal of the Oxford Kobe International Seminar is to create ideas for the development of sustainable maritime activities and to make a proposal for the sustainability of maritime activities in future.

Objectives of the Seminar

The objectives of this seminar are to:

1. Discuss the developments in the maritime transport systems and highlight good practice;

2. Appreciate the various problems relating to maritime activities globally from stand point of the corporate sector, government administrations and academia;

3. Discuss measures that government, society and the corporate sectors can take for the development of sustainable maritime activities;

4. Propose necessary strategies for future maritime activities.
Toward future International Maritime Seminar

- This "International Maritime Seminar" will establish a firm base for knowledge, so-called "Kansai Maritime Cluster" for the revival of the international trading cities of Osaka and Kobe, which have a rich tradition, experiences and integration of knowledge about maritime transport and the port industry.

- The seminar will have a broad coverage of themes which are related to maritime activities and that the seminar will be held annually or biannually as a series under different and focused topics. More details and directions of the seminar will be discussed during the seminar.

- We will provide opportunities so that all participants could discuss and exchange views during these sessions, and over the party/dinners and drinks at the bar or lounge throughout the seminar, and young researchers with a poster presentation session for fostering international young researchers.

- We also hope the seminar will help establish an international network for people who are working in, or interested in, the exchange of opinions, problems and questions relating to maritime activities, and will stimulate the international collaborations among academia, public and private organisations, governments and societies accordingly.

Organising Committee members and Secretariat

[Organising Committee members]

<table>
<thead>
<tr>
<th>Name</th>
<th>Position, Institution</th>
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<tbody>
<tr>
<td>Takashi Aihara</td>
<td>Professor, Kwansei Gakuin University</td>
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<tr>
<td>Koichi Akatsuka*</td>
<td>Auditor, Kobe University</td>
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<tr>
<td>Toshimichi Fukuoka</td>
<td>Professor, Kobe University</td>
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<tr>
<td>Sukeaki Gohara</td>
<td>Visiting layer, Komoto-Miura Law Office; ex-Professor, Setsunan University)</td>
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<tr>
<td>Kiyoshi Hara*</td>
<td>Auditor, Kyoto University; ex-President, Kobe University of Mercantile Marine</td>
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<tr>
<td>Kinzo Inoue</td>
<td>Professor, Kobe University</td>
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<tr>
<td>Heather Leggate**</td>
<td>Centre Director, London Metropolitan University</td>
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<tr>
<td>James McConville**</td>
<td>Professor, London Metropolitan University</td>
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<tr>
<td>Kunihiro Otake</td>
<td>Associate Professor, Kobe University</td>
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* : representative organisers in the area of Japan and Asia
** : representative organisers in the area of UK and Europe

[Seminar secretariat]

Kaizaburo Saito Chief Bursa, Kobe Institute
# SEMINAR PROGRAMME

## 25 May 2006, Thursday  Workshop Day 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>09.00-09.15</td>
<td>Welcome greetings and Introduction</td>
<td>Koichi Akatsuka</td>
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<td></td>
<td>Greetings from a member of the House of Representatives</td>
<td>Mr Masahito Moriyama</td>
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<tr>
<td>09.15-10.20</td>
<td>Plenary Lecture</td>
<td>Chaired by K Akatsuka</td>
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<td></td>
<td>The Historical Role that 'Maritime Asia' Played in Making the Modern World</td>
<td>Heita Kawakatsu (International Research Center for Japanese Studies)</td>
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<td>10.20-10.50</td>
<td>Coffee break</td>
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<tr>
<td>10.50-11.25</td>
<td>Session 1, World Trade and Developments in the Shipping Sectors</td>
<td>Chaired by K Akatsuka</td>
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<td></td>
<td>International Trade and Maritime Patterns</td>
<td>Heather Leggate (London Metropolitan University)</td>
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<tr>
<td>11.25-12.00</td>
<td>Deep-Sea Shipping: Review &amp; Outlook</td>
<td>Koichiro Ebihara (Mitsui O.S.K. Lines)</td>
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<td>12.00-13.30</td>
<td>Lunch</td>
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<td>13.30-14.05</td>
<td>Session 2, Maritime Policy</td>
<td>Chaired by H Leggate</td>
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<td>Maritime Policy’s Goal for the 21st Century</td>
<td>Hiroshi Terashima (Ocean Policy Research Foundation)</td>
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<td>14.40-15.15</td>
<td>Network Equilibria Model of International Maritime Container</td>
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<td>Transport Market: Oligopoly Market</td>
<td>Mikio Takebayashi, Katsuhiko Kuroda*, Hazuki Yamamoto and Takamasa Iwai (Kobe University, * Kobe City College of Technology)</td>
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<td></td>
<td>Coffee break</td>
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<td>15.45-16.20</td>
<td>Session 3, Port, Policy and Planning</td>
<td>Chaired by Takashi Aihara</td>
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<td></td>
<td>General Issues &amp; How They Effect EU Ports</td>
<td>Patrick Alderton (Centre for International Transport Management)</td>
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</tbody>
</table>
16.20-16.55 Development of Asian Container Ports
Dong-Wook Song (University of Hong Kong)

16.55-17.30 Future for UK Ports
Geoff Adam (Port of London Authority)

18.00-18.30 Drink and Informal Discussion

18.30-20.30 Welcome Party (Dress Code: Smart Casual)

20.30- Free Discussion and Drinks at SCR

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26 May 2006, Friday Workshop Day 2

09.00-09.10 Introduction to Day 2
Heather Leggate

Session 4 Regional Developments in Short Sea and Coastal Shipping
Chaired by D-W Song

09.10-09.45 Outlook of Coastal Shipping in Japan
Sugio Noguchi (Japan Federation of Coastal Shipping Associations)

09.45-10.20 The Potential for Water Freight in Europe
Bill Burns (Peel Port Holdings)

10.20-10.50 Coffee break

Poster Presentation Session

10.50-11.15 Short Introduction of Poster Presenters and Their Posters
11.20-12.00 Poster Presentations

12.00-13.30 Lunch

Session 5 Safety, Protection for Environment and Regulation
Chaired by K Inoue

13.30-14.05 A Historical Lesson from Shipping Industry
Kunihiro Ohtake (Kobe University)

14.05-14.40 Glocalization of Maritime Law and Dispute Resolutions
T Aihara (Kwansei Gakuin University)

14.40-15.10 Coffee break

Session 6 Seafaring Labour, Training and Education
Chaired by P Alderton

15.10-15.45 The Recruitment Problem
James McConville and H Leggate (London Metropolitan University)
15.45-16.20  **Education and Training Initiatives**
Dr Kinzo Inoue (Kobe University)

16.30-16.45  Break

### Session 7  Shaping Future Policy
Chaired by Kiyoshi Hara

16.45-17.30  **Open Forum and Concluding Remarks**

i. **Maritime Safety to be enhanced by Concurrent Marine Engineering and Computational Mechanics**
Toshimichi Fukuoka (Kobe University)

ii. **Raising Issues for Future Seminars**
H Leggate (London Metropolitan University)

iii. **Concluding Remarks**
K Hara (Kyoto University)

17.45-18.30  Drinks and Informal Discussion

18.30-20.30  **Farewell Party**  (Dress Code: Smart Casual)

20.30-       Free Discussion and Drinks at SCR

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27 May 2006, Saturday  **Optional Tour**

09.30-16.00  **Tour to Porto Island and Container Terminal of Port Kobe, Akashi Strait and Bridge, and Himeji Castle**
# Poster Presentations

26 May 2006, Friday,

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>10:50 – 11:15</td>
<td>Short Introduction of Posters at the Lecture Theatre</td>
</tr>
<tr>
<td>11:20 – 12:00</td>
<td>Poster Presentations at Seminar room in the Main Building</td>
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</tbody>
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1. **Environmental Management in Rough Waters: Creating a Joint Marine Protected Area and Designating a Particularly Sensitive Sea Area in the South China Sea**
   Karsten von Hoesslin (World Maritime University, Sweden)

2. **Evaluation of the Navigational Risk Level in Korean Coastal Waterway using Fuzzy Theory**
   Woon-Jae JANG (Graduate school of Mokpo National Maritime University, Korea; currently Kobe University, Japan)

3. **Women Seafarers and Their Identities**
   Momoko MOTOHASHI (Cardiff University, UK)

4. **Stress at Sea: The Seafarer’s Perspective**
   Seyed Jafar SADJADI Parsa and Heather Leggate (London Metropolitan University, UK)

5. **Japanese Seafarers’ Competence in Maritime Company**
   Ninger SONG (Kobe University, Japan)

6. **BRM Training and Its Quantitative Evaluation**
   Hiroko TAKAHASHI (Kobe University, Japan)

7. **Special Display: Kobe Collection**
   Courtesy of Kobe Marine Observatory