WSOS 2024 Düsseldorf

부제: “한-유럽 조선해양 분야 기술협력 포럼”



THE 7th WORKSHOP ON SHIPS AND OFFSHORE STRUCTURES, “한-유럽 조선해양 분야 기술 협력 포럼 "

Theme: Collaboration and exchange between Europe, the UK, and Korea.

Dates: 31 May to 1 June 2024

Venue: HD ERC, Peter-Müller-Straße 14, 40468 Düsseldorf

Organise by: Europe-Korea Marine and Ocean Engineers Association

EKMOA Europe-Korea Marine and Ocean Engineers Association

KEIT 한국산업기술기획평가원 Korea Planning & Evaluation Institute of Industrial Technology

HD 한국조선해양

주독일대한민국대사관 Botschaft der Republik Korea

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Introduction

- The Europe-Korea Marine and Ocean Engineers Association (EKMOA) is delighted to extend an invitation for your attendance at the World Symposium on Ocean Science (WSOS) 2024. This prestigious event is scheduled to be held in Düsseldorf, Germany, from May 31st to June 1st, 2024.

- **Workshop Focus Areas:**
  - The ocean
  - Advancements in marine technology
  - Preservation of marine environments
  - Sustainable shipping practices
  - Development and implementation of autonomous and intelligent shipping solutions
  - Adherence to maritime rules and regulations
  - Risk management, safety, and reliability in maritime operations

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❖ Objectives of WSOS 2024

1. Review Advanced Technological Solutions:
    - Conduct a thorough review of contemporary, advanced technological solutions.
    - Engage in forward-looking discussions on their evolutionary trajectories.

2. Exchange Collaborative Research:
    - Initiate in-depth exchanges on collaborative research.
    - Discuss cutting-edge development and innovative practices with distinguished researchers, engineering experts, and policy strategists from Korea and the UK/Europe.

3. Strengthen Bilateral Comprehension:
    - Foster deeper bilateral comprehension.
    - Reinforce the foundation for enduring friendships between Korea and the UK/Europe communities.

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Dusseldorf



- **Landmark**: Rheinturm (Rhein Tower) broadcasting tower (234m tall) with the world's largest digital clock
- **Attractions**: Königsallee luxury shopping street, Altstadt with city hall and entertainment district known for the "longest bar in the world"
- **Economy**: International commercial and financial hub
- **Fashion**: Birthplace of famous fashion designers, renowned for "Fashion's Night Out" event
- **Culture**: Annual carnival starting at 11:11 am on November 11th is a major cultural event
- **Transportation**: Hub for Deutsche Bahn (German railway) with well-developed highways for easy transportation

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Venue

HD 유럽연구센터 사무실,
Peter-Müller-Straße 14, 40468
Düsseldorf



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Programme

	Time	Contents
Day 1 Friday 31 May	13.30 – 14.00	Registration and Greeting
	14.00 – 14.20	Session 1 - Introduction: Opening and welcome
	14.20 – 15.40	Session 2 – R&D of Europe Industries
	16.00 – 17.20	Session 3 – R&D of Korea Industries
	17.30 – 18.20	Session 4 – Academic / Young Researcher and Engineering
	19.00 -	Workshop dinner
Day 2 Saturday 1 June	09.00 – 09.30	Greeting (Tea & Coffee)
	09.30 – 12.30	Session 5 – Panel Discussion for EU-Korea R&D collaboration
	12.30 – 14.00	Workshop Lunch
	14.00 -	Tour and Dinner

Programme (Day 1, on 31st May)

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Session no.	Time	Mins	Organisation	Presenter	Title
	13.30 - 14.00	30	Registration and Greeting		
Session 1 - Introduction	14.00-14.20	5	EKMOA/RISE	김근제	Openning and Celebration
		5	HD ERC	염구섭	Welcome speech and KSOE 소개
		5	KEIT	박효준	Welcome speech and KEIT 소개
		5	EKMOA	정병욱	Welcome speech and EKMOA 소개
No break					
Session 2 - 유럽 산업계 연구 개발 전략 소개	14.20-15.40	20	Wallenius Wilhelmsen	박태수	(가칭) Wilhelmsen 해운의 decarbonisation 전략
		20	MAN Energy Solutions	최재우	(가칭) MAN Solution 의 저/무탄소 엔진 시스템 개발 동향 전략
		20	Fugro Norway	임성수	(가칭) Furgo 회사 소개 및 주요 연구 소개
		20	Hyke	황재형	(가칭) Hyke 회사 소개 및 주요 연구 소개
	15.40-16.00	20	Break		

Programme (Day 1, on 31st May)

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Session no.	Time	Mins	Organisation	Presenter	Title
Session 3 - 국내 산업계 연구 개발 전략 소개	16.00 -17.20	20	KEIT	정지홍 (수석)	(가칭) 한국 조선분야 R&D 정책 및 오픈이노베이션 추진 현황
		20	RIMS	이한성 (본부장)	(가칭) RIMS 및 진행 연구 현황 소개
		20	KOMERI	최성윤 (팀장)	(가칭) 친환경 선박 전주기 혁신기술개발 사업 소개 및 추진 현황
		20	Discussion		
	17.20-17.30	90	Break		
Session 4 - Academic / Young Researcher and Engineer	17.30 - 18.40	20	Chalmers University of Technology	김영롱	Chalmers 대학 소개와 제 주요 연구분야
		20	Chalmers University of Technology	이자승	(가칭) Chalmers 대학 소개, 학과 소개 - Dynamics & Marine Technology, 개인 연구분야 소개
		20	University of Strathclyde	장하영	(가칭) Ammonia 추진 선박의 정량적 위험성 평가 (NH3CRAFT)
		20	Pusan National University / University of Strathclyde	남설	(가칭) 영국 박사과정과 한국 박사과정의 비교
		20	University of Strathclyde	황인식	(가칭) 유럽 박사 과정의 주요 진로와 고민
자유 토론 (Discussion)					
Dinner (19.00 -)					

Programme (Day 2, on 1st June)

WSOS 2024 Düsseldorf

부제: "한-유럽 조선해양 분야 기술협력 포럼"

Session no.	Time	Mins	Organisation	Presenter	Title
	09.00 - 09.30	**30**		**Greeting & preperation**	
Panel Discussion for EU-Korea R&D collaboration (KEIT 수요조사 관련 discussion)	09.30 - 09.50	**20**	University of Strathclyde / 에너지 기술 연구원	황훈숙	(가칭) 국내 에너지 산업 정책 및 기술 동향 / 전망
	09.50 - 10.10	**20**	University of Strathclyde	정병욱	(가칭) 유럽과 국내 연구 과제 비교 분석
	10.10 - 10.30	**20**	KSOE	염구섭	(가칭) HD ERC 연구 분야 / 전략
	10.30 - 10.50	**20**	NTNU	김형주	(가칭) NTNU 대학 소개 및 국내 협력 프로젝트 소개
	10.50 - 11.10	Break			
	자유 토론 (Discussion)				
Lunch (12.30 - 14.00)					
Tour and Diner (14.00 -)					

Social Dinner (Day 1, on 31st May)

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부제: "한-유럽 조선해양 분야 기술협력 포럼"

19:00 – WSOS Social Dinner

Location: Brauerei Zum Schiffchen, 독일 식당

Gaststätte Brauerei Zum Schiffchen, Hafenstraße 5, 40213 Düsseldorf



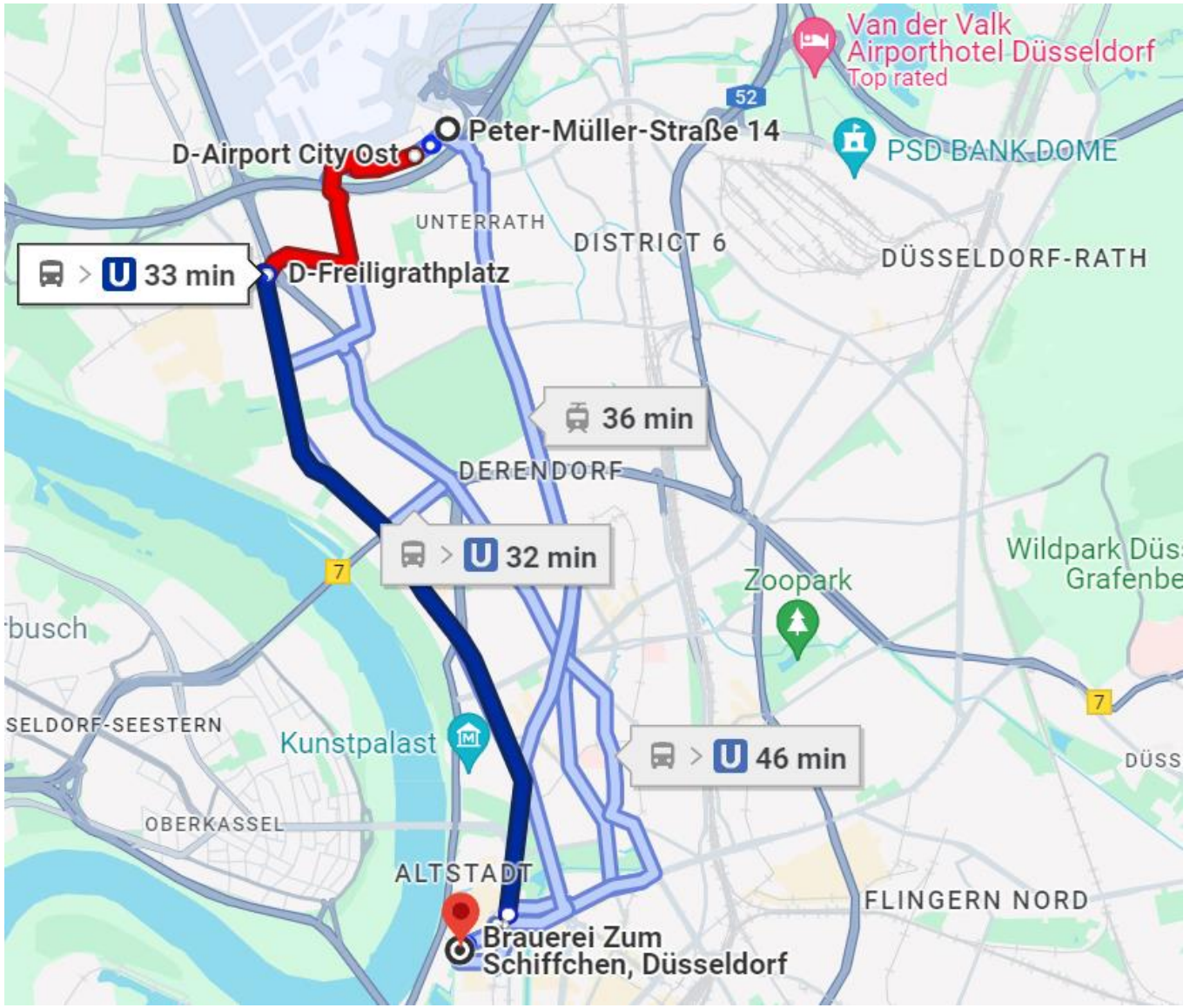


Social Dinner (Day 1, on 31st May)

WSOS 2024 Düsseldorf

부제: "한-유럽 조선해양 분야 기술협력 포럼"

대중교통 약 33분 소요



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부제: "한-유럽 조선해양 분야 기술협력 포럼"

Social Lunch (Day 2, on 1st June)

12:30 – 14:00 WSOS Social Lunch
Location: HD 유럽연구센터 사무실,
Peter-Müller-Straße 14, 40468 Düsseldorf



Social Dinner (Day 2, on 1st June)

WSOS 2024 Düsseldorf

부제: "한-유럽 조선해양 분야 기술협력 포럼"

18:00 – WSOS Social Dinner

Location: Gin Seng koreanisches Restaurant, Oststraße 63, 40210 Düsseldorf

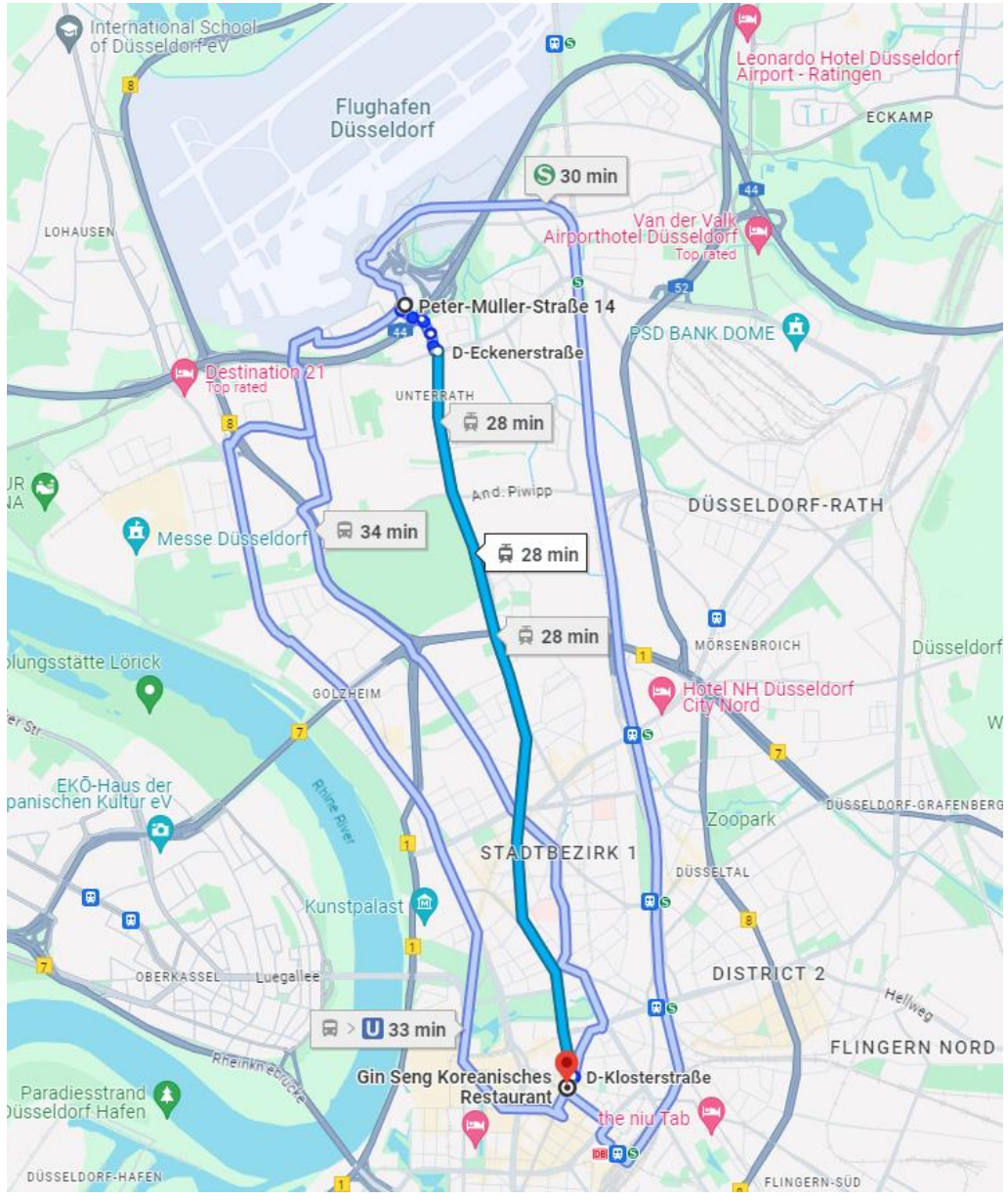


Social Dinner (Day 2, on 1st June)

WSOS 2024 Düsseldorf

부제: "한-유럽 조선해양 분야 기술협력 포럼"

대중교통 약 28분 소요



WSOS 2024 Düsseldorf

부제: "한-유럽 조선해양 분야 기술협력 포럼"

Committee

Steering Committee

- Dr Byongug Jeong, Strathclyde (Chair)
- Mr Hyojun Park, KEIT (Co-Chair)
- Mr Hojeong Kim, HD ERC (Co-Chair)
- Dr Koosup Yum, HD ERC (Co-Chair)
- Mr Baejun Kwon, DNV GL, Norway (Co-Chair)
- Prof. Hyungju Kim, NTNU (Co-Chair)
- Dr Hayoung Jang, Strathclyde (General affair)
- Dr Injun Yang, Strathclyde (Finance)
- Mr Sungsoo Lim, Fugro Norway AS (Audit)
- Solji Yun, UK (Marketing Assistant)

Advisory Group

- Dr Yongwon Lee, Llody's Register, UK
- Dr Dohan Oh, Hongik University, South Korea
- Dr Dong Nam, South Korea
- Dr Keunjae Kim, SSPA, Sweden
- Dr Seungdeog Yoo, Microvortex, Germany

Thank You

CONTACT US

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EKMOA is a charitable body, registered in England/Wales with the Registered Charity Number 1201657