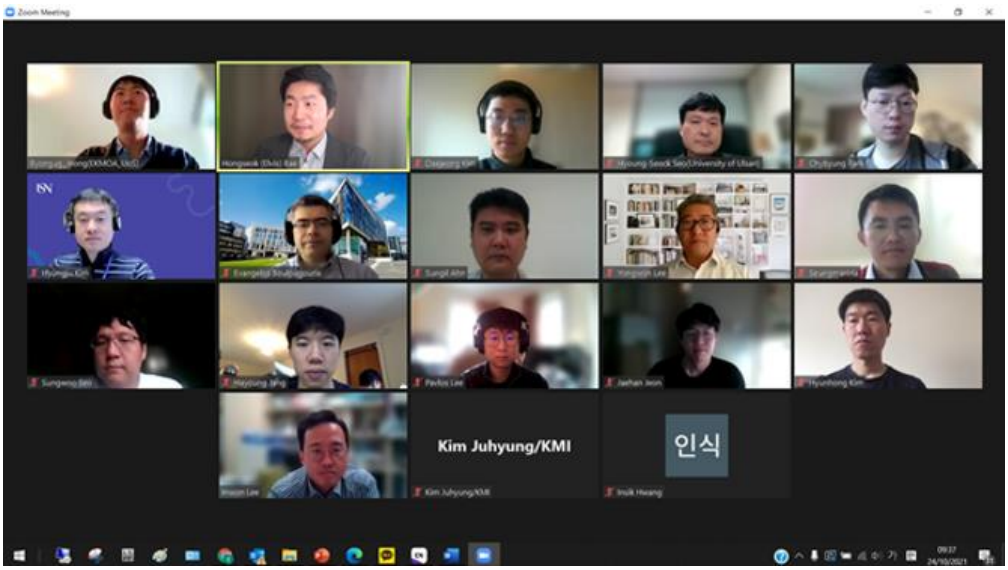
EKMOA Webzine

Europe-Korea Marine and Ocean Engineers Association in 2021

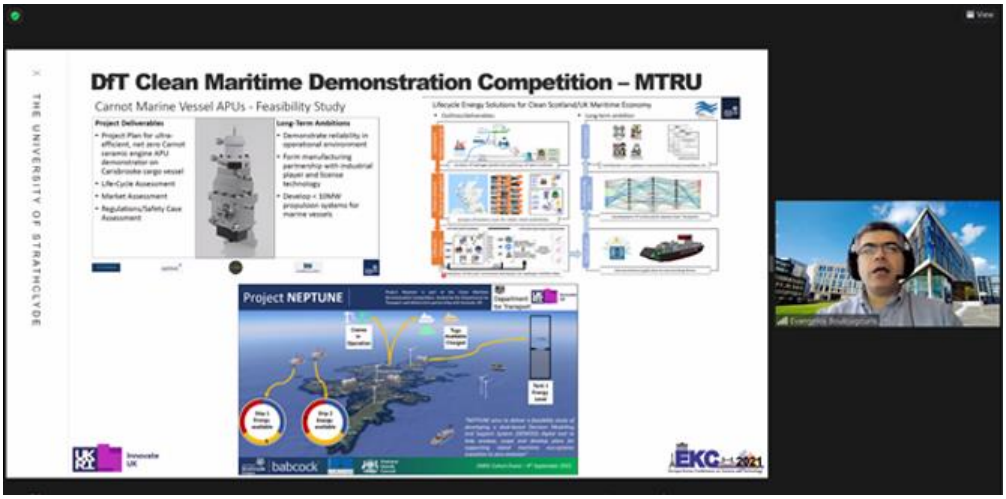
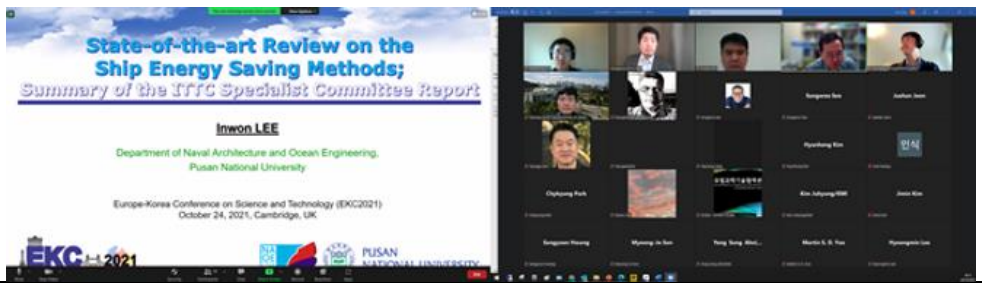
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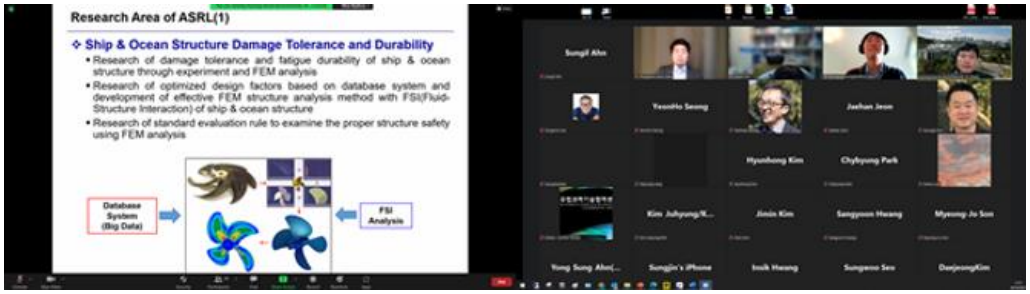
Europe-Korea Conference on Science Technology 2021

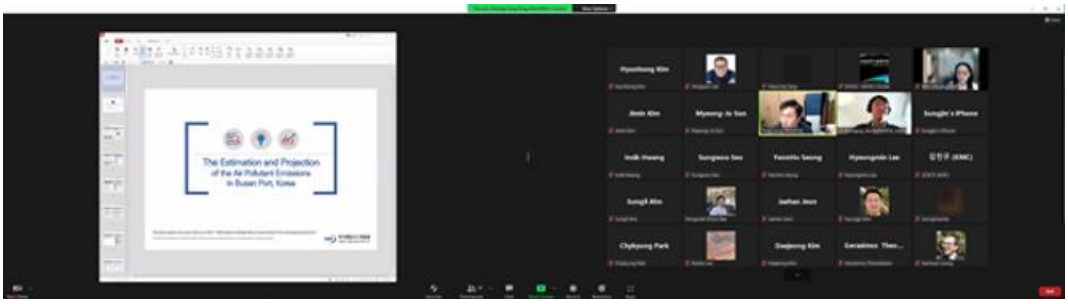
Date	10, 24, and 31 October 2021
Where	Zoom online due to covid-19
Programme & Timetable	 The following three oral academic sessions are organised at EKC 2021. 1. Session 1: EKMOA-SNAK Joint Session: New trends in shipbuilding technology 1) Presenter: DR. JEONG, Byongug (Europe-Korea Marine and Ocean Engineers Association) Title: Introduction of EKMOA (Europe-Korea Marine and Ocean Engineers Association) 2) Presenter: PROF. KIM, Hyunsoo (Society of Naval Architectures of Korea) Title: Introduction of SNAK (Society of Naval Architectures of Korea) 3) Presenter: PROF. BOULOUGOURIS, Evangelos (University of Strathclyde) Title: The Pathway to Zero-Carbon Shipping-Challenges and Opportunities for the Maritime Sector 4) Presenter: PROF. LEE, Inwon (Pusan National University) Title: State-of-the-art Review on the Ship Energy Saving Methods; Summary of the ITTC Specialist Committee Report 5) Presenter: MR. AHN, Sung Il (University of Strathclyde) Title: Application of a fuzzy CREAM based framework to assess a human reliability in maritime operations 6) Presenter: PROF. SEO, Hyoung-seok (University of Ulsan) Title: Application of Composite Material in Marine Structures 2. Session 2: EKMOA-KMC-KMI Joint Session: Decarbonisation and Digitalisation in Maritime Sector 1) Presenter: DR. KIM, Mingyu (Korea Center for International Maritime Safety Cooperation, KMC) Title: IMO Strategy on GHG Emissions and Autonomous Ships 2) Presenter: MR. AHN, Yong Sung (Korea Maritime Institute)

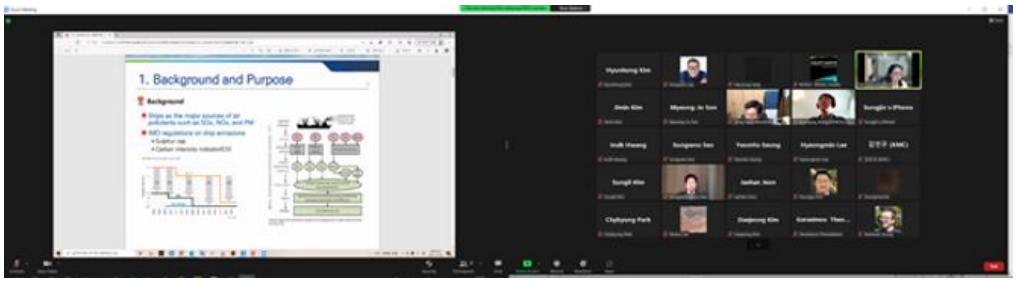
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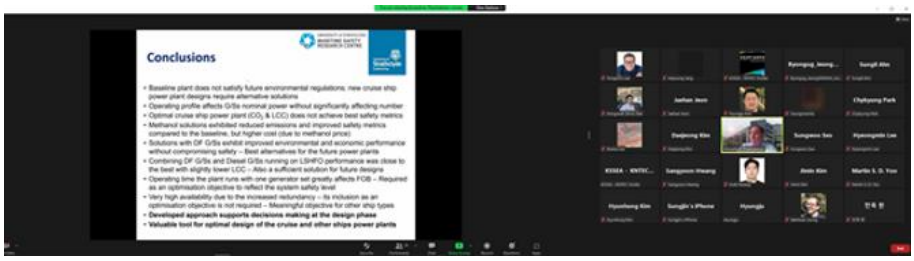
	Title: Busan Port's Emission inventories and the Projections 3) Presenter: MS. KIM, Juhyung (Korea Maritime Institute) Title: Comparative Analysis on activity based air pollutant emission estimation models from ships and case studies 4) Presenter: MR. HA, Seungman (University of Strathclyde) Title: Current status of development of lifecycle GHG/carbon intensity guidelines for marine fuels in IMO 3. Session 3: EKMOA-KRISO Joint Session: Autonomous Ship Technologies 1) Presenter: DR. CHOI, Jin (Korea Autonomous Surface Ship (KASS) Project Office) Title: Introduction to the national R&D project for the development of Korea autonomous ships 2) Presenter: DR. JOUNG, Taehwan (Korea Research Institute of Ships & Ocean Engineering, KRISO) Title: The establishment and utilize of a cooperation system for the development of technology and standards for Maritime Autonomous Surface Ships(MASS) 3) Presenter: PROF. THEOTOKATOS, Gerasimos (University of Strathclyde) Title: Power Plants Design–Energy efficiency, safety and sustainability interplay 4) Presenter: DR. KIM, Hyungju (University of South-Eastern Norway (USN) Title: Autonomous ship safety: Challenges of traditional risk analysis and alternative approaches Find more information of Marine and Ocean Group sessions from:
Photos	**[Oral sessions]**  

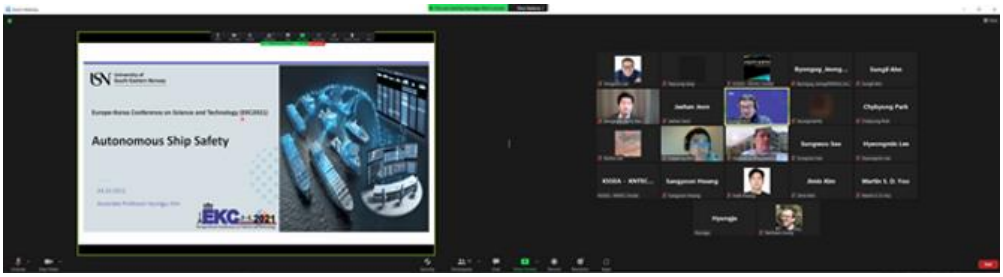
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