

Navigating Big Data: Leveraging Artificial Intelligence and Machine Learning to Transform Data into Valuable Insights in the Blue Economy

start time	end time	Welcome Networking Lunch
12:00	13:00	

part 1: Marine Data for the Digital Age

start time	end time	Presentation Title	Organization	Speaker Name	Speaker Function
13:00	13:15	EMODnet EU Marine Data services for the the digital and global age	EMODnet Secretariat	Kate Larkin	Head
			EMODnet Secretariat	Conor Delaney	Technical Coordinator
13:15	13:30	Feeding the Marine Knowledge Graph: leveraging data for the blue economy and beyond	VLIZ	Lennert Tyberghein	Head VLIZ Marine Data Centre

part 2: Research & Development (moderated by Ljiljana Platisa, business developer UGent)

start time	end time	Presentation Title	Organization	Speaker Name	Speaker Function
13:30	13:55	Navigating the cloud-native jungle when choosing edge-cloud enablers	UGent	Bruno Volckaert	Professor
13:55	14:20	Wind power forecasting using machine learning	UGent	Sofie Van Hoecke	Professor
14:20	14:45	Trends, challenges and new developments in big data technology for decision making, past case study on sand extraction from the North Sea	UGent	Guy de Tré	Professor
14:45	15:10	Advanced models selecting containers to fight drug smuggling at ports	UGent	Christophe Vandeviver	Professor
15:10	15:35	AI enhances cybersecurity by using machine learning and data analysis to improve threat detection and response, bolstering overall security	Howest	Kurt Callewaert	Valorisation Manager
15:35	16:00	Networking break			

part 3: Business Cases and Challenges

start time	end time	Presentation Title	Organization	Speaker Name	Speaker Function
16:00	16:20	10 Mistakes in Data Programs	Dataminded	Kris Peeters	Founder and CEO
16:20	16:40	Data-driven meets process-based models, Helping engineers embrace data	PropheSea	Dr. Tomas Van Oyen	Founder

16:40	17:00	Offshare and its data challenges	e-BO Enterprises	Steven Boucque	CTO
17:00	17:20	How Toqua's AI models helped Euronav double the fuel savings potential of weather routing	Toqua	Casimir Morobé	Founder
17:20	17:40	Big 3D and 4D data (3D + time) as input for Xtended Reality-applications	ULiA	Mario Matthys	Founder at ULiA (UGent spin off)
17:40	19:00	Closing reception and networking			