

SMART TRANSPORT SUMMIT - 2020 edition
Wednesday, 30 September 2020, Hours: 10.00-12.30 Bruxelles time (11.00-13.30, Bucharest)
www.unsummit.eu

FINAL AGENDA

Hours (Bruxelles time)	Topic	Speaker
10.00-10.05	Opening Remarks from the Host Institution	Constanta Maritime University (Romania), President of the Senate, Prof. Dr. Eng. Cornel PANAIT
10.05-10.10	Opening introductory speech from IAMU	International Association of Maritime Universities (Japan), Deputy Executive Director, Yusuke MORI
10.10-10.15	Romania's Sustainable Development Strategy 2030 – Transport perspectives	State Secretary, Ministry of Sustainable Development (Romania), László BORBÉLY - <i>Honorary Speaker</i>
10.15-10.20	“Bridge for Cities” Approach - UNIDO Madagascar's Perspectives for the UN SDG 17 - Global Partnerships in Smart Transport	United Nations Industrial Development Organisation (Madagascar), Vola RAKOTONDRAZAFY ANDRIATAHINA
10.20-10.25	IMO and innovation in maritime	International Maritime Organisation (IMO) Ambassador, Dr. Ovidiu CUPSA
10.25-10.30	Horizon Europe Mission on Climate-neutral and Smart Cities	European Commission (Bruxelles), Directorate-General for Research and Innovation, the Unit on Future Urban and Mobility Systems, Oana BODRON
10.30-10.35	Perspectives on Smart Ports	Constanta Maritime Ports Administration (Romania), General Director, Dr. Costel STANCA
10.35-10.40	Smart thinking for smart transport: Why diversity is the answer	Women's International Shipping and Trading Association (Cyprus), President, and Totoheo Maritime CEO, Despina Panayiotou THEODOSIOU
10.40-10.45	LAirA project and the European Green Deal perspective	Airport Regions Council (Bruxelles), Director General, Sergi ALEGRE
10.45-10.50	Sustainable navigation and smart navigation devices	Romanian Naval Authority (Romania), General Director, Dr. Cosmin DUMITRACHE
10.50-10.55	Synergies between Modes of Transport and Human Element	World Maritime University (Sweden), Research Associate, Dr. Maria CARRERA
10.55-11.00	A global innovation partnership for smart sea transport – new ship concepts	SINTEF Ocean Research (Norway), Senior Scientist, Dr. Ornulf Jan RODSETH
11.00-11.05	Smart Transport System towards SDG Accomplishment in the Philippines	Maritime Academy of Asia and Pacific (Philippines), Prof. Dr. Angelica BAYLON
11.05-11.10	New technologies in smart transport	NAVA Ship Design (Poland), Head of 3D scanning and photogrammetry, Adrianna BARBASIEWICZ
11.10-11.15	Green Logistics	European Federation of Inland Ports (Bruxelles), Turi FIORITO
11.15-11.20	Challenges of Decarbonisation -Smart Transport & Mobility-	Connected Places Catapult (UK), Associate Director, Dr Delia DIMITRIU
11.20-11.25	Cloud-based technologies for smart maritime transport: CargoMate	Intelligent Cargo Systems (UK), CEO Chris Jones; Head of Operations, Emma MARK
11.25-11.30	How to Operationalise Transformative Change	FÜRSTENBERG Maritime Advisory (Copenhagen), Sofia Fürstenberg STOTT
11.30-11.35	Sofia's Path to Sustainability - Improving Mobility	SOfia GREEN Coordinator, Sofia Municipality (Bulgaria), Elitsa PANAYOTOVA
11.35-11.40	Electric cars: a New Direction of Hong Kong Smart City	European Centre for Social Responsibility - Director of Asian Research Center (Hong Kong), Joseph LAU

SMART TRANSPORT SUMMIT – 2020 edition is organized by UNSUMMIT with support from the International Association of Maritime Universities (IAMU) and the Nippon Foundation (Japan), Constanta Maritime University (Romania), European Centre for Social Responsibility (Asian Research Centre, Hong Kong), Women's International Shipping and Trading Association (WISTA Romania), “Ovidius” University Constanta (Romania), Babes Bolyai University – Interdisciplinary Centre for Data Science (Romania), Philippine Association of Extension Program Implementors-PAEPI (Philippines) and Technium Science (Romania)

11.40-11.45	Sustainable mobility and transportation	Babes Bolyai University (Romania), Interdisciplinary Centre for Data Science, Dean, Prof. dr. Titus MAN, and Researcher, Assoc.Prof. Dr. Codruta MARE
11.45-11.50	Blockchain for Entrepreneurs – a non-traditional Industry 4.0 curriculum for Higher Education	“Ovidius” University of Constanta (Romania), Lecturer Dr. Gabriela BADEA
11.50-11.55	(Un)broken Cold Chain	Thermo King Transport Solutions (Belgium), Global Marine, Gulsah METINOZ
12.00-12.30	<p>Public Debate: How does the Smart Transport sector contribute to the accomplishment of the United Nations Sustainable Development Goals (SDGs)?</p> <p>Participants:</p> <ul style="list-style-type: none"> • Svein David MEDHAUG, Norwegian Maritime Authority (NORWAY) • Trond LANGEMYR, Norwegian Coastal Administration (NORWAY) • Bogdan NITA, General Manager of CT Bus - Constanta urban transportation system (ROMANIA) • Mandresy RAKOTOARISON, Director for International Cooperation (MADAGASCAR) • Angelica BAYLON, Director for External Relations, Maritime Academy of Asia and Pacific (PHILIPPINES) • Chris JONES, Intelligent Cargo Systems (UK) 	
12.30	Closing Remarks: Assoc. Prof. Dr. Cristina DRAGOMIR, Smart Transport Summit coordinator Constanta Maritime University (Romania)	

SMART TRANSPORT SUMMIT 2020 edition - Meet some of the Speakers!



Prof. Eng. Doctor Honoris Causa, **Cornel PANAIT** is the **President of Constanta Maritime University Senate** and during Smart Transport Summit will hold the Opening Remarks from the Host Institution, Constanta Maritime University. Since 2008, Prof. Panait has been Rector and Vice-rector in Institutional Development and International Relations and currently is the chair of the Academic Council, president of the Executive Board of CMU and university representative at the International Association of Maritime Universities (IAMU). Prof. Dr. H.C. Cornel Panait is a member of the Institute of Electrical and Electronics Engineers (IEEE) and is the author of a very impressive number of publications in the field of electrical engineering, being actively involved in encouraging advanced research in smart transport and engineering.



Yusuke MORI is the Deputy Executive Director of the **International Association of Maritime Universities (Japan)**. Prior to the current post, he worked at the Japan Agency of Maritime Education and Training for Seafarers as Chief Officer and training instructor of Training Ship. He graduated Tokyo University of Mercantile of Marine (Tokyo University of Marine Science and Technology) in 2000 from Bachelor Degree then joined the National Institute for Sea Training in the same year as 3rd Officer and training instructor of training ship, he served as Navigation Officer and training instructor for several training ships include tall ship KAIWO MARU and NIPPON MARU for more than 10 years. He entered the World Maritime University in 2013 and graduated in 2014 with Master of Science in Maritime Education and Training specialization. then he was assigned to Section Chief of Port State Control office headquarter in Ministry of Land, Infrastructure, Transport and Tourism and served three years. He started his task in IAMU in 2018, serving as Deputy Executive Director. His specialization is Maritime Education and Training; Training Ship; Navigation and the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, STCW. He served as a Japanese delegation to several International Maritime Organisation (IMO) meetings, such as Sub-Committee on Human Element, Training and Watchkeeping (HTW) and Implementation of IMO Instruments (III) Sub-committee.



László BORBÉLY is the **State Counsellor of the Prime Minister of Romania on the topic of Sustainable Development** since 2017. He is a prominent ethnic Hungarian politician who has significantly contributed to the democratic development of Romanian society, through the different high ranking functions held in the Romanian Parliament and the Romanian Government in the field of International Affairs, Environment and Sustainable Development, Regional Development and Infrastructure. Mr. Borbély is also Vicepresident of the Steering Committee of the Romanian Delegation to the Interparliamentary Union, Vicepresident of the 12+ Group of the Interparliamentary Union, member of the Committee on Sustainable Development, Trade and Finance of the Interparliamentary Union. Since April 2012 is the Chairman of the Foreign Affairs Committee of the Chamber of Deputies of the Romanian Parliament. In 2012 he was the Vice-president of the Governing Council of the United Nations Environment Program (UNEP) and between 2011-2012 was the Co-chair of the European Ministerial Board for Environment and Health. Also, between 2010 –2011, Mr. Borbély was the Chairman of CSD 19 (Commission of the United Nations on Sustainable Development).



Vola RAKOTONDRAZAFY ANDRIATAHINA, United Nations Industrial Development Organization (UNIDO) representative from Madagascar, will share expertise on the following topics:

- The Role of UNIDO Madagascar in the accomplishment of the SDG Agenda 2030 targets: how integrated projects are developed and implemented to promote shared prosperity and green cities and to achieve inclusive and sustainable growth in Madagascar.

- UNIDO Madagascar's Perspectives for Global Partnerships in Smart Transport: Applying the UNIDO's "Bridge for Cities" Approach in the Country to encourage municipal officials and development stakeholders to scale up their engagement in inclusive and sustainable urban-industrial development initiatives and to establish a municipal platform through which cities can share their development successes and challenges and ultimately upscale their capacities.

Ms. Andriatahina serves as the UNIDO Country Representative for Madagascar since 2017. She is continuously engaging in high level policy dialogue in the field of international cooperation and partnership for development. She actively led the development of the first ever Country Program for the industrial emergence of Madagascar, which is the roadmap for the industrial development of the country. For the signature of the Country Program between UNIDO and Madagascar, she mobilized a high-level delegation composed of the President of the Republic and the Minister of Industry during the UNIDO General Conference in Abu Dhabi in November 2019. Before that appointment, she served as Operation Manager for "The Integrated Growth Poles Project of Madagascar- phases 1&2", a multisectoral & multi-phase investment lending operation of +215 million USD funded by the World Bank. During a decade, she regularly engaged in financial, technical and policy dialogue with Government Officials, donors and project stakeholders in various areas including private sector development, infrastructure, local governance, urban and municipal development, land use planning etc. Vola has a strong background in private sector development and was an independent consultant in industry development and in the evaluation of industrial projects, particularly in the food and beverage sector in Comoros, Chad and Madagascar. She holds a postgraduate diploma in Biochemistry with major in Food Sciences and Nutrition from the University of Antananarivo, as well as a certificate in Development Studies from the Earth Institute, Columbia University. She is currently completing a Master of Arts in International Relations at Nottingham Trent University, United Kingdom.



Ovidiu Sorin CUPȘA is **Maritime Ambassador of the International Maritime Organization** and President of the European Union's Group to International Maritime Organization at the Council of the European Union since 2019. The appointment as the President of European Union's Group to International Maritime Organization during Romanian Presidency is a real high recognition of the career. Having about 30 years of dedicated activity in the Maritime Sector, Dr. Cupșa is Associated Professor and Engineer at Constanta Maritime University and General Director of CERONAV Training Centre. Being maritime engineer in the international fleet, PhD and researcher, Mr. Cupșa is maritime trainer expert and manager in the Maritime Public Sector. He is also Vice-President of EDINNA- the educational network of inland waterway navigation schools and training institutes.



Oana BODRON works in the **European Commission, Directorate-General for Research and Innovation, the Unit on Future Urban and Mobility Systems** where she follows closely the file on the Horizon Europe Mission on Climate-Neutral and Smart Cities with focus on citizens engagement activities. Oana has more than 10 years' experience in the transport sector, working with industry, local authorities and trade associations. She has a master degree in urban planning at the Sciences and Technology University from Lille, France and currently is pursuing postgraduate studies in social and psychological inquiry at the Open University in UK.

During Smart Transport Summit, she will speak about the need of a mission on climate-neutral cities. Cities cover about 3% of the land on Earth, yet they produce about 72% of all global greenhouse gas emissions. On top of that, cities are growing fast; in Europe, it is estimated that by 2050 almost 85% of Europeans will be living in cities. Therefore, the climate emergency must be tackled by cities – and by citizens. After consultations with citizens and stakeholders across Europe, the Mission Board proposes the following mission: “100 climate-neutral cities by 2030 - by and for the citizens”. The aim of the mission is to support, promote and showcase 100 European cities in their systemic transformation to climate neutrality by 2030, making these cities innovation hubs for all cities.



Costel STANCA holds the directorate of the **National Company “Maritime Ports Administration” Constanta (Romania)**. Recently in 2020, Dr. Stanca attended the launch of the European Clean Hydrogen Alliance, a European Commission initiative to promote clean, carbon-free gas production during production, distribution and use. This launch is included in a set of European Commission initiatives that mark the recognition of hydrogen as a key element of the fully integrated European energy system: the EU's hydrogen strategy, the smart integration of the energy system and the EU's Clean Hydrogen Alliance. National Company Maritime Ports Administration Constanta has shown interest in becoming an active part of the Clean Hydrogen Alliance, which will manage the investment package in projects aimed at implementing the technology for obtaining, storing and transporting green energy by means of hydrogen. Hydrogen will be more than international commodity itself, but will also become the preferred transport method for the energy in the future. The medium and long-term strategy of the Romanian maritime ports includes green investment projects, focused on the production of alternative, environment friendly energy.



Sergi ALEGRE is Director General of the **Airport Regions Council** (Bruxelles). The Council was created 26 years ago and members are the cities and regions where the main international airports of Europe are placed

(Paris, Frankfurt, Dublin, Barcelona etc.) He has worked as a counselor in El Prat City Council from 1991 to 2018, in areas of Town Planning and Environment and he also served as a Vice-Mayor of El Prat and was a member of the Parliament of Barcelona Metropolitan Area. Other positions, experience and studies, include: President of the Spanish Observatory of Cities and Airports (ORAM), European Grant for Politician of the German Marshall Fund to study American Airports, member of the Association of Spanish Cities with Airports, member of the Environmental Committee of the Development of Barcelona Airport, member of the Observatory of Aviation, set up by the European Commission, speaker at various hearings of the European Commission related to slots and open sky policy, speaker at numerous conferences related to night flights, capacity, airport cities, and climate change and aviation. Sergi has the following studies: 50 Best Practices to Reduce Climate Change at Airports; From Transport to Accessibility to Airports; Airportcities.



Cosmin DUMITRACHE is the General Director of the **Romanian Naval Authority**. He is a graduate of the Constanta Maritime University in 2004. The following years he has dedicated his life for a seafaring career followed by a period when he chose to share his gained knowledge at sea to the students, as a lecturer, within the Constanta Maritime University. After 15 years at sea, Dr. Cosmin Dumitrache (Master Mariner) chose a new path, as well in the maritime sector, as a Port State Control Officer in the Romanian Naval Authority. Furthermore, he was part of various European projects related to maritime or inland waters navigation, one of them being a postdoctoral research.



Maria CARRERA works as a Research Associate at the **World Maritime University (WMU)** in **Malmö (Sweden)**. She has a background in Psychology, in both clinical and industrial fields, and she is currently working on SAFEMODE project (<http://www.safemodeproject.eu/>), a collaborative EU funded project that aims to strengthen synergies between Maritime and Aviation in the field of Human Factors. Dr Carrera began her career as a researcher at the Social Psychiatry Research Unit of Cantabria (World Health Organisation Collaborating Centre, Spain) working on research projects granted by different private and public research institutions for over seven years; initially as a Predoctoral Fellow and as a Postdoctoral Researcher and clinical psychologist on a later stage. She also worked at the University of Tilburg (The Netherlands) as a postdoctoral researcher carrying out research about multicultural and mental health issues, and between 2015-2018 as a Senior Human Factors Specialist for Lloyd's Register of Shipping in the Strategic Research and Technology Policy Group (Southampton, UK). Prior to joining the WMU, Dr. Carrera was working as a freelance consultant and a research fellow of the Schumacher Institute in the field of maritime human factors and sociotechnical systems. She is a chartered member (CPsychol) of the British Psychological Society (BPS), qualified psychologist by the Health and Care Professions Council (HCPC), member of the Chartered Institute of Ergonomics & Human Factors (CIEHF), and member of the Women International Shipping and Trade Association (WISTA). <https://wmu.se/people/maria-carrera-arce> .



Ørnulf Jan RØDSETH is a senior scientist at **SINTEF Ocean** from **Trondheim (Norway)**, a not-for-profit and independent research institute. He has an MSc in cybernetics and electronic engineering from 1983. He is a well-known researcher in maritime information and communication technology and has worked in the area for more than 25 years. This has mostly been in research institutes, but he has also four years' experience from maritime electronics industry. Since 2011, Dr. Rødseth has worked mainly with autonomous ship technology, but is still active in digital communication technology. He is also general manager in Norwegian Forum for Autonomous Ships (NFAS) and is coordinator for the International Network for Autonomous Ships (INAS). He spends significant time on standardisation and is a member of ISO TC8 and IEC TC80. He regularly meets at IMO as observer for ISO.



Prof. **Angelica BAYLON**, Ph.D. is the Director for External Relations of the **Maritime Academy of Asia and the Pacific (MAAP)** from **Philippines** and the Chairman Emeritus of the **Philippine Extension Program Implementers (PAEPI) - Global**. She is also Vice-Chair of the Expert Group 3 on Recruitment, Career Development and Job Transitions of the **Asia Pacific Economic Cooperation for Seafarers Excellence Network**. She represented the Philippines as the keynote speaker, in BEXCO Convention Hall in Korea for 2009 Shipping, Ports, and International Logistics (SPIL) Conference hosted by Korea Maritime Ocean University and the Republic of Korea Ministry of Land, Transport, and Maritime Affairs. Prof. Baylon also served as keynote speaker representing the Philippines in Hilton Green Plaza Hotel Alexandria Egypt for the 2019 International Maritime Transport and Logistics Conference *Towards Global Competitiveness in Maritime Industry "Investing in Ports" The Trends, The Future*, hosted by the Arab Academy of Science and Technology and Maritime Transport. As a Maritime Director, Educator and Researcher, she shares the recent development project on SMART TRANSPORT SYSTEM IN THE PHILIPPINES and how it contributes to the accomplishment of the Sustainable Development Goals (SDGs) in maritime. She finally concludes the presentation, by sharing the result of the two IAMU and Nippon Foundation-funded projects: the GECAMET (Gender Equality and Cultural Awareness in Maritime Education and Training) project and the SDiMET (Sustainable Development in Maritime Education and Training), wherein she and her institution MAAP was a research partner and very much actively involved. She incorporated the results of the GECAMET and SDiMET studies with policy implications, as a framework or model for the SMART TRANSPORT SYSTEM that certainly contributes to the accomplishment of SDGs.



Adrianna BARBASIEWICZ is the Head of 3D scanning and photogrammetry department in **NAVA Ship Design** Office from **Poland**. A graduate of the Gdańsk University of Technology in the field of Geodesy and Cartography and Geographic Information System (GIS) analyst, passionate about photogrammetry and remote sensing she is co-author of several publications related to the mentioned fields.



Turi FIORITO is the Director of the **European Federation of Inland Ports**. He has over 5 years of expertise in EU transport policy. He was the former Transport Policy Advisor to Member of the European Parliament Wim van de Camp, working on legislation such as the Mobility Package, Port Services Regulation and the Fourth Railway Package. This gave Mr Fiorito an expertise on EU legislative processes, policy making and institutional practices. He combines this with his knowledge of the entire transport and logistics sector. Before his Brussels career, Mr. Fiorito worked for the Dutch Embassy in New Delhi. He graduated Cum Laude from Utrecht University as a Master in International Relations.



Dr. Delia DIMITRIU is Strategic Development Director (R&D Programme) at **Connected Places Catapult** and is considered one of the world's leading authorities in transport & environment related research, with focus on *sustainability and future mobility*. She is one of the few European experts contributing to the low carbon transport agenda as part of the H2020 Programme, working on decarbonising transport policy, research and practice. Her input in the EU-US cooperation programme on Decarbonising Transport for a Sustainable Future was instrumental in developing scenarios for regions and megacities, signalling the need to work on zero carbon cities, and designing associated research & innovations related to living labs, while seeking evidence-based innovative solutions. Delia was part of a team that won the 2007 Nobel Peace Prize for its work on climate change and is a Lead Author of the IPCC Fifth Assessment Report: WG3-Mitigation, Chapter 8-Transport. She is an EC-DG Move adviser on STRIA (Strategic Transport Research and Innovation Agenda), but also acts as adviser to the DfT Office for Science, and has joined Connected Places Catapult in 2018. Delia is also a *Research Fellow* with the Manchester Metropolitan University in UK, her research activity at present focussing around an H2020 grant, as PI. Delia's current emphasis is on *climate resilient smart cities*, her ambitious being to present at COP26 (Glasgow, Dec 2020), five different placed-based solutions, which include Glasgow, and four other European cities/cities region.



Despina Panayiotou THEODOSIOU is the President of **Women's International Shipping and Trading Association** (a professional organization comprising WISTA associations in 51 countries) and the joint CEO of **TOTOTHEO Maritime (Cyprus)**, a leading global service provider specialized in innovative, efficient, and functional solutions in the fields of digitalization, maritime satellite communications, automation, and navigation systems. Despina is a board member of the **Cyprus Shipping Chamber**, the Cyprus Employers and Industrialists Federation and Invest Cyprus. She also sits on the Board of Governors of the Cyprus Maritime Academy and the Strategic Committee of Crans Montana – Club of Ports. In July 2020, she was elected as a Member to the General committee of the Association of SA and Limited Companies in Greece and as Head of its Shipping Sector committee. Despina has been instrumental to WISTA's success in receiving consultative status at the International Maritime Organization (IMO) in 2018. Leading international shipping publication Lloyd's List selected Despina as one of the Top 100 Most Influential people in shipping in 2017, 2018 and 2019. In 2019 she was also named as the "International Personality of the Year" at the Lloyd's List Greek Shipping Awards. She holds degrees from the National and Capodistrian University of Athens, the Copenhagen Business School, and the University of Oxford.



Emma MARK has spent the last decade championing new technology products and services to the maritime sector. She currently manages the operations and marketing output for **Intelligent Cargo Systems**, a **London (UK)** maritime technology startup which develops port call optimisation technology for the container sector. Emma is exceptionally passionate about the role of technology in the reduction of carbon emissions and firmly believes that the industry can benefit from making marginal gains to achieve their overall decarbonisation targets. Previously, Emma worked at Global Navigation Solutions (GNS) where she ran workshops advising clients on issues such as cybersecurity and the integration of new technology to improve the working environment at sea and ashore and reduce operational costs. Before GNS, Emma worked directly with the UKHO's distributor network to enable the industry's move away from paper charts and publications over to digital solutions.



Sofia Fürstenberg STOTT is a leading figure in the innovation- and sustainability sphere of the maritime industry. Through **Fürstenberg Maritime Advisory** from **Copenhagen (Denmark)**, a member to the Getting to Zero Coalition, she and her partner focus on providing strategic pathways for the transformational journey towards decarbonisation, combining insights of innovation management, industry collaboration, operational risk management and intercultural communication. Some of her latest accomplishments include developing Nor-Shipping's new concept exhibition Blue Economy, and launching its first Opening Oceans Conference, connecting the wider ocean industries in such context for the first time. She has had significant presence in the Nordics for over a decade, soon 15 years, through her tenure as Innovation Portfolio Manager with Maersk, and as a green shipping spearhead with DNVGL. She holds an MBA in Shipping & Logistics from Copenhagen Business School, an MSc in Chemical Engineering from Lund University, and was part of the first cohort to finish the Top Tech Executive Innovation Program at Haas Business School back in 2009. Sofia will talk about Global Partnerships - How to Operationalize Transformative Change The solutions to deliver truly sustainable, transparent, effective, flexible, reliable and robust transport systems will require collaboration across industries, and across the entire spectrum of policy makers-industry-academia-R&D-civil society. All with different mandates, value drivers and timelines, how can you accomplish structured progress and avoid creating just another talking shop? What are the most common mistakes these collaborations make, and what are the key tools to use for success?



Elitsa PANAYOTOVA is the Coordinator of "SOfiaGREEN" project from **Sofia Municipality (Bulgaria)**. In 2016 she was invited by the Mayor of Sofia, Mrs. Yordanka Fandukova to streamline municipal policies related to sustainable development. The main focus areas of her team are smart and sustainable mobility, air quality and waste management. The aim is to put forward a successful bid for Sofia in the European Green Capital Award contest, organised by the European Commission. The work of "SOfia GREEN" is tightly linked to finding smart solutions to existing problems of the city and the administration by working closely with the private sector, NGOs and academia. Before joining the Mayor's team, Elitsa Panayotova was the first CEO and founder of Sofia Tech Park. She was responsible for forming the team, creating the concept and laying the foundations of the first Science and Technology Park in Bulgaria. On the former military plot nowadays, you can find an incubator for start-up companies; joint research infrastructure – a center with 12 laboratories in different scientific fields; kids interactive museum and an event center – all aimed at bringing together the young entrepreneurs, scientists and the businesses to form successful partnerships and foster innovation. Elitsa's career began as an architect and urban planner, whose portfolio includes one of the most innovative real estate projects in Bulgaria. She has also done investment management and consulting for various city and urban development projects. Website: <http://www.sofia-da.eu/en/>



Joseph LAU is Research Center Director from the **European Centre for Social Responsibility** (www.cers.ro) and is working at Division of Business and Hospitality Management, College of Professional and Continuing Education, The Hong Kong Polytechnics University. He has published more than 180 research papers in international journals and professional magazines, contributed 7 books chapters, 2 books and presented numerous papers in international conferences. He has collaborated with scholars from more than 20 countries and regions spreading over five continents on research projects. He has also secured over HK\$ 6.8 million research grants. Recently, he has been awarded a Certificate of Appreciation by the Institute of Seatransport in recognition of his outstanding performance on research and the Best Paper Award in international leading conferences. He has been appointed as Associate, University of Manitoba, Transport Institute, Winnipeg, Manitoba, Canada; Visiting Scholar, School of Urban and Regional Science, East China Normal University. His research interests' regional studies. Mr Lau has been active in scholarly activities. For example, he is an Editor in Chief of Seaview, Section Editor of Data in Brief, 2017, and the committee member of Higher Education Forum.



Titus Cristian MAN is Senior Lecturer at "**Babes-Bolyai**" **University (Romania)**, in the Regional Geography and Territorial Planning Department Faculty of Geography. His major research areas include the application of GIS, spatial analysis, geostatistics, and remote sensing for service analysis and planning, particularly within the context of social services, public health, hydrology, environmental justice, education, and urban studies. He holds a PhD in Geography since 2008 with a subject approaching GIS application in Regional Geography. In 2010 and 2012 Dr. Man was granted with CEEPUS scholarship at University of Salzburg to teach the topics: GIS in Hydrology, Selected topics in GIS - Geomorphometry. The GIS expertise included in 2013 and 2020 two Fulbright scholarship awards to teach ad research at the University of Wyoming and TexasTech. He published more than 50 articles on the topic of GIS.



Codruta MARE, PhD. Habil., is an Assoc. Prof. at the Dep. of Statistics-Forecasts-Mathematics, Faculty of Economics and Business Administration, "**Babes-Bolyai**" **University** from Cluj-Napoca (**Romania**), and the Scientific Director of the Interdisciplinary Centre for Data Science, in the same university. She is a PhD. coordinator in Cybernetics and Statistics. Her interests are related to Spatial Econometrics, Econometrics, including panel data methods, Time Series and Economic Forecasting. Her scientific achievements were published in highly ranked SSCI journals. Dr. Mare has expertise both in the public and private sector data analysis processes, being involved in many

consultancy projects with both public institutions (World Bank, European Commission, Cluj-Napoca City Hall, Ministry of European Funds, etc.) and private companies.



Gabriela BADEA, Ph.D. from “**Ovidius**” **University of Constanta** (OUC), is the Project partner Coordinator for the Erasmus+ project “Blockchain for Entrepreneurs – a non-traditional Industry 4.0 curriculum for Higher Education”. Gabriela is lecturer at Mathematics and Informatics Department, Faculty of Mathematics and Informatics and she holds a Ph.D. in Mathematics since 2010. She participated as Postdoctoral researcher and project manager within the project “Spectral theory for linear operators and complex analysis”, PN-II-RU-TE-2012-3-0042 (OUC). She was a member of the implementation team in several EU funded projects, aiming to train young entrepreneurs, recruited/identified among the student core and to provide an appropriate framework for developing innovative ideas. Also, she was a member in a project whose objective was to improve the curricula for Bachelor and Master educational programs in Mathematics and Informatics by adding an input given by partners from the IT domain. She is the author / co-author of numerous peer-reviewed articles in ISI journals.



Gulsah METINOZ is Sales and Business Development Manager Global Marine at **Thermo King Transport Solutions** (Belgium), leading commercial activities in EMEA for Marine refrigeration products (reefers and gensets). With very strong product acumen, she is able to create the link between customer requirements and available/future cold chain solutions. With an international background of having worked in 3 different sectors (Appliances, Adhesives, Transport refrigeration) and 3 different countries (Sweden, Italy, Belgium), Gulsah is known to find synergies and connections among different parameters. She is passionate about Diversity&Inclusion initiatives and continues to participate in Women Leadership Panels and Working Groups both internally and externally. She holds a BS of Industrial Engineering from Yildiz Technical University, Istanbul. She is based in Antwerp, Belgium.

Debate Session participants:

Svein David MEDHAUG is an experienced project manager employed at the **Norwegian Maritime Authority (NMA)**, where he has been responsible for e-navigation since 2009. With this position, Medhaug has chaired out international responsibility in several correspondence groups for e-navigation in IMO. He has also led the work titled: “Guidelines for harmonized display for navigation information received via communication equipment” in IMO. Medhaug is also project manager for all work relating to innovation towards digitalization and automation and in charge of the work with autonomous and remote vessels at the NMA, an area which is central to Norway’s proactive stance regarding innovation and promoting a more sustainable, safer and cleaner marine industry. With a background as Deck Officer on both oil and LNG tankers in the Norwegian merchant fleet, Svein has hands on experience and a very strong interest in innovation and new technology.

Svein considers that “Automation is already creating a revolution and will continue to do so. The shipping industry is going through a transformation and crucial to this is how we manage this transition smoothly and safely”



Trond LANGEMYR works as senior adviser in the Maritime Safety Department at the **Norwegian Coastal Administration (NCA)**. He is also Chairman of the board of the **Norwegian Forum for Autonomous Ships (NFAS)**. Trond is a graduate of the Norwegian Naval Academy and the Norwegian Command and Staff College. From 2004 until 2008, Trond served as Staff Officer at Defence Staff Norway and as Head of Information Management at the Joint Force Command Norway. Trond started at the Norwegian Coastal Administration (NCA) in 2008. Over the last years, Trond has been working with a number of interdisciplinary issues at the NCA. He has had a special responsibility for work related to risk analysis, transport plans, marine management plans, polar issues and recreational boats. He has been responsible for most of the work related to ship’s routeing and ship reporting systems in Norway. Trond was also responsible for the comprehensive task of developing a Maritime Safety Analysis covering all Norwegian waters (2014-2016). Currently, Trond has the main responsibility for coordinating the work on automation and autonomy at the NCA. He is Chairman of the board of the NFAS, and firmly believes that increased automation can help solve a number of challenges that we face today.



Bogdan NITA is the General Manager of **CT Bus - Constanta urban transportation system** (Romania). The four major directions of the development of Constanta as a smart city are: safe city – the safety of the citizens, tourists and investors, mobility city – separating the flows of the inhabitants from the tourists, as well as

the goods and services, energy city – both vibrant and environmentally friendly and e-city: creating applications so that the inhabitants, tourists and investors of Constanta have instant access to all the necessary information www.ctbus.ro



Mandresy RAKOTOARISON is the Director of International Cooperation for the **Municipality of Antananarivo (Madagascar)**. He holds a degree in Economics from Texas A&M University, United States. He has previously worked in the fields of real estate in the United States as an analyst for the Real Estate Center, and in public transport as a research analyst for Transdev in Morocco. He was hired as a technical advisor to the Minister of Economy and Finance of Madagascar in 2019, and he currently holds the position of Director of International Cooperation within Antananarivo municipality. Mandresy is also a member of the board of directors of the Caisse d'Epargne de Madagascar savings bank in the audit committee. His fields of activities range from consulting, finance, real estate and transport, to development and governance.



Chris JONES is the CEO and co-founder of **Intelligent Cargo Systems**, a **London**-based maritime technology startup. Following 12 years of working onboard containerhips for P&O Nedlloyd, Maersk Line and OOCL, Chris quit his seagoing career to solve one of the biggest problems in shipping: eliminating port call idle time and reducing vessel fuel consumption. With an initial prototype, Chris was chosen to join the Entrepreneur First startup program where he met his CTO and technical co-founder. Together they started building CargoMate - the first port call optimisation system designed for shipping companies. Today, CargoMate allows every shipping company to get real-time port productivity data direct from their own ships, in every port, worldwide; and is trusted by customers including Hapag-Lloyd.