

SEACLEAR



SVEUČILIŠTE U DUBROVNIKU
UNIVERSITY OF DUBROVNIK



REGIONAL DEVELOPMENT AGENCY
DUBROVNIK-NERETVA COUNTY
DUNEA
REGIONALNA RAZVOJNA AGENCIJA
DUBROVAČKO-NERETVANSKE ŽUPANIJE



FINAL CONFERENCE AGENDA

SMART ROBOTS AND HUMAN HEARTS - FOR CLEAN OCEANS!

Location: University of Dubrovnik Campus
Branitelja Dubrovnika 41, 20000 DUBROVNIK

Date: 13/10/2023

Time: 10:00 – 12:00 h

Join us for the SeaClear final conference!

Agenda Items

10:00 – 10:10	Welcome speech <i>Regional agency DUNEA UNIDU DNC</i>
10:10 – 10:30	SeaClear – summary presentation of achieved results <i>Lead partner – TU Delft, prof. Bart DE SCHUTTER</i>
10:30 – 12:00	Project partners panel discussion <i>ALL project partners; moderator Mr. Vicko Dragojević</i>
12:00 – 14:00	Light lunch & socializing <i>ALL participants</i>



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Conference panellists

<p>Bart DE SCHUTTER</p>	<p>Delft University of Technology</p> <p><i>Bart De Schutter is coordinator of SeaClear and PI for Delft University of Technology. He received the PhD degree in 1996, at K.U.Leuven, Belgium. Afterwards, he was a postdoctoral researcher at K.U.Leuven. In 1998 he started at Delft University of Technology as an assistant professor. Currently, he is full professor and head of department at the Delft Center for Systems and Control of Delft University of Technology. Bart De Schutter is associate editor of IEEE Transactions on Automatic Control and senior editor of the IEEE Transactions on Intelligent Transportation Systems. His current research interests include control of hybrid systems, learning-based control, reinforcement learning, multi-agent systems, and control of large-scale transportation and infrastructure networks.</i></p>
<p>Stefan SOSNOWSKI</p>	<p>Technical University of Munich</p> <p><i>Stefan Sosnowski is a lecturer at the Technical University of Munich with the Chair of Information-oriented Control, where he leads the underwater robotics group since 2014. He received the Dipl.-Ing. degree and Dr.-Ing. degree (PhD) summa cum laude in electrical engineering from the Technical University of Munich (TUM), Munich, Germany, in 2007 and 2014, respectively. He has authored and coauthored more than 50 journal papers, refereed conference papers, and book chapters on bioinspired and underwater robotics as well as nonlinear control, distributed dynamical systems and multi-agent systems.</i></p>



<p>Ivana PALUNKO</p>	<p>University of Dubrovnik</p> <p><i>Ivana Palunko is an associate professor at the Department of Electrical Engineering and Computing and the head of the Laboratory for Intelligent Autonomous Systems (LARIAT). She earned her Dipl.ing. from University of Zagreb – FER at 2007 and her Ph.D. in 2012 from University of New Mexico, USA. From 2012 until 2014 she was a postdoctoral researcher in the Research Centre for Advanced Cooperative Systems (ACROSS) at the Department of Control and Computer Engineering, University of Zagreb, FER. In 2013/2014 she was a visiting researcher at Information-oriented Control, TU München, Germany under supervision of prof. Sandra Hirche. In 2014 she joined the University of Dubrovnik as an assistant professor. She authored and co-authored more than 30 scientific peer-reviewed papers. Also, she coordinated and participated in more than 20 projects funded by EU FP7, H2020, HORIZON, ESF, Interreg, US NSF, NATO SfP, EOARD, HRZZ, etc. Her main research interests are in optimal adaptive control, machine learning and artificial intelligence with applications in robotics and multi-agent systems.</i></p>
<p>Yves CHARDARD</p>	<p>SUBSEA TECH SAS</p> <p><i>Yves Chardard graduated in civil engineering (1983) and offshore construction (1986) in Paris, France. After various senior positions including engineering manager in the oil & gas offshore industry worldwide, he joined Cybernetix in 1997, a France based robotics and process automation company as the head of underwater robotics division and then as Managing Director. In 2005, he founded Subsea Tech, an SME which specialises in marine and underwater technologies, including ROVs, USVs and bespoke robotic systems. He is still today the CEO and owner of Subsea Tech.</i></p>
<p>Lucian BUSONIU</p>	<p>Technical University of Cluj-Napoca</p> <p><i>Lucian Busoniu received his Ph.D. degree cum laude from the Delft University of Technology, the Netherlands, in 2009. He is a full professor with the Department of Automation at the Technical University of Cluj-Napoca, where he leads the group on Robotics and Nonlinear Control. His research interests include nonlinear optimal control using artificial intelligence and reinforcement learning techniques, robotics, and multiagent systems. In SeaClear, he is the principal investigator of the Cluj team.</i></p>



<p>Claudia HERTEL-TEN EIKELDER</p>	<p>Hamburg Port Authority AÖR</p> <p><i>Claudia Hertel-ten Eikelder graduated from University Duisburg-Essen in Germany with a diploma in social sciences. After her studies she worked as a consultant in foreign direct investment for one of Germany's Federal states. She has accompanied corporate expansions to Germany, aligning the interests of politics, business and science before joining the Strategy and External Affairs Department at Hamburg Port Authority in June 2020. In her team the focus is set on R&D, technology, and innovations to integrate into future port operations.</i></p>
<p>Iva POZNIAK</p>	<p>Regional Development Agency Dubrovnik-Neretva County-DUNEA</p> <p><i>Iva Pozniak works as a senior associate at Regional agency DUNEA, directly involved in preparation and management of projects funded from different national and international programs, managing multiple projects, promotion, and awareness raising activities; specialized in projects on topics of environment, nature, ICZM, biodiversity, protected species and areas, waste management, management of marine environment with special focus on marine litter problematics. Iva is also a postgraduate student on Applied marine sciences, with a doctoral thesis on marine litter problematics.</i></p>
<p>Cosmin DELEA</p>	<p>Fraunhofer Center for Maritime Logistics</p> <p><i>Cosmin Delea is the PI for Fraunhofer CML (Fraunhofer). He received his M.Sc. degree in Mechatronics at the Hamburg University of Technology in 2017. He has been involved in development of Unmanned Vehicles also before joining Fraunhofer CML as Research Associate in 2018. His current work focuses on development of control system for waterborne robotics (USVs, ROVs, AUVs) and software systems for supporting their operation. Major areas of interest are control of underactuated robotics and underwater perception.</i></p>
<p>Vicko DRAGOJEVIĆ</p>	<p>Panel moderator</p>

Additional information

The SeaClear final conference will be a hybrid event, join us online via Zoom [LINK](#), or watch live stream on the SeaClear YouTube official channel [HERE](#). It will be held in English; no translation will be available.

Contact person: Regional agency DUNEA, Iva Pozniak, ipozniak@dunea.hr