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Public Health Congress on Maritime Transport and Ports 2024: Innovations in infectious diseases control and occupational health

18 to 19 October 2024

STAZIONE MARITTIMA DI NAPOLI - CENTRO CONGRESSI

NAPLES
ITALY

PRELIMINARY AGENDA

Congress World

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Univ.-Prof. Dr. med. Volker Harth		Mr. Mario Camilleri	Prof. Areti Lagiou
		Dr. Nikolaos Patiris	Prof. Vasiliki Benetou
		Prof. Panagiotis Prezerakos	Dr. Nuno Tavares Lopes
		Captain Luis O.	Prof. Nikolaos Ventikos

PRESIDENT'S WELCOME MESSAGE

It is my great pleasure to announce that the international “Public Health Congress on Maritime Transport and Ports 2024: Innovations in infectious diseases control and occupational health”, organized by the EU SHIPSAN scientific association, will take place on 18-19 October 2024 in the historic city of Naples, Italy.

The Congress is being organized by the European Scientific Association for Health and Hygiene in Maritime Transport (EU SHIPSAN ASSOCIATION), in collaboration with Cruise Lines International Association (CLIA).

Governments, industry, and the scientific community work diligently to respond to emerging challenges and opportunities for the attainment of public health protection in the maritime transport sector.

The theme of this Congress will provide opportunities to exchange opinions, best practices, current research and innovation activities, as well as results in ports and in all ship types related to infectious disease prevention, mitigation and control; occupational health; maritime healthcare; environmental health and hygiene; and healthy ship design.

It is anticipated that the Congress will offer a venue for the shipping industry, academia, governmental officials, port administrations, marine companies, and related stakeholders to explore recent research findings, new scientific evidence, novel innovations and approaches for planning public health actions in the framework of green maritime operations.

The Congress proceeding papers will be published in the peer-reviewed journal indexed in Scopus, Population Medicine journal.

Let us all take the opportunity to network, enjoy and learn from each other during the “Public Health Congress on Maritime Transport and Ports 2024: Innovations in infectious diseases control and occupational health”.

We look forward to welcoming you in Naples, Italy in October 2024.

Christos Hadjichristodoulou

President of the EU SHIPSAN ASSOCIATION

Coordinator of HEALTHY SAILING, HEALTHY GATEWAYS & SHIPSAN ACT

Professor of Hygiene and Epidemiology

University of Thessaly, Greece

Day 1
Friday 18 October 2024

Room: Dione/Elettra

09.00-10.00 **Registrations**

10.00-11.20 **Round table**

Maritime occupational medicine: Known and emerging health risks and their management

Chairs: Despoina Andrioti Bygvraa, Jan Heidrich

Asthma exacerbation on board ships

Aikaterini Antoniou

Clinical management of severe allergic reactions on board ships

Nuno Tavares Lopes

Information on seafarer's working rhythm and exploration of fatigue of seafarers on channel ferries

Lukas Belz

Seafarer's Mental Health: Emerging Challenges and Management in Maritime Occupational Medicine

Gopi Battinenni

Questions and Answers

11.20-11.50 **COFFEE BREAK**

11.50-13.10 **Round table**

Horizon Europe HEALTHY SAILING project: Update on innovations in training activities and early threat detection in large passenger vessels

Chairs: Agnieszka Zaplatka, Christos Hadjichristodoulou, Lazaros Merakos

Augmented reality application in training activities for the maritime sector

Konstantinos Theofilis (NKUA)

Artificial intelligence for early threat detection on board large passenger vessels and Electronic Surveillance System

Smaragda Reppa (NKUA), Spyros Athanasiadis (ICCS), Stefanos Chatzimichelakis (ICCS)

Analysis of infection chain in the cruise ship environment and evidence-based interventions

Barbara Mouchtouri (EU SHIPSAN Association)

Incorporating risks arising from communicable diseases onboard in maritime risk analysis and assessment: methodology adaptation and examples

Nikolaos Ventikos (NTUA)

Questions and Answers

13.10-14.10 **LUNCH BREAK**

Day 1

Friday 18 October 2024

14.10-15.30 Round table

Diagnostics, vaccines and ship medicine chest

Chairs: **Mauro Dionisio, Emmanuel Symvoulakis**

Specificities of medical operations in expedition vessels

Antonello Campagna

Vaccination of seafarers and passengers & Clinical Decision Support - synergies of HEALTHY SAILING and EUVABECO projects

Lemonia Anagnostopoulou

HEALTHY SAILING inventory of point-of-care analyzers

Ioanna Voulgaridi

An update on requirements and recommendations for the ship medicine chest

Clara Schlaich

Questions and Answers

15.30-16.00 COFFEE BREAK

16.00-17.30 Round table

Dialogue forum for Global Collaboration in health and hygiene in cruise ships

Chairs: **Roberta Andraghetti, Christos Hadjichristodoulou**

Amendments to the International Health Regulations: What are the new obligations for governments, port and ship operators and the proposal for the WHO Pandemic Agreement

Roberta Andraghetti

Global panel discussion:

Barbara Mouchtouri (EU SHIPSAN Association)

Li-Li Ho (Taiwan CDC)

Rachdi Abderrahim (Morocco)

Yahya Alamese (Turkey)

Luis O. Rodriguez (USA)

Australia

Louis Franks (UK)

Questions and Answers

18.00 Opening ceremony

Welcome messages

Day 1
Friday 18 October 2024

Room: Calipso

10.00-11.10 Round table

Health and hygiene in inland navigation vessels

Chairs: Thijs Veenstra, Mathias Kalkowski

Addressing Infectious Disease on European River Cruises: The Need for Tailored Prevention and Control Strategies

Thijs Veenstra

Specificities in health and hygiene

Tanja Hartog

Outbreak management in inland cruise ships

Nicolae Victor Hila

Questions and Answers

11.10-11.40 COFFEE BREAK

11.40-13.00 Oral Presentations - Thematic Session:

Environmental Health and Hygiene

Chairs: Andrea Smith, Areti Lagiou

Lecture

The Role of Public Health Personnel on Cruise Ships

Emily Barton, Jennifer Snow

Questions and Answers

Lecture

Current research findings and innovations in food safety

Eleni Malissiova

Questions and Answers

13.00-14.00 LUNCH BREAK

Day 1

Friday 18 October 2024

14.00-15.30 WORKSHOP

Health and hygiene in the maritime transport and port terminal sectors: Operator's perspective

Chairs: Barbara Mouchtouri, Jethro Beck, Miguel Dávila Cornejo

Presentations:

An update on EU policies related to the maritime transport sector
TBA

Port operators panel discussion:

Rosa Maria Russo (Naples), Minas Papadakis (Heraklion), MedCruise

Large passenger vessel operators panel discussion: Public Health and Sustainability Considerations

Mel Skipp (CLIA, Carnival Corporation Plc)

Pierfrancesco Lepore (MSC Cruises)

Jaakko Yli-Piipari (Viking Cruises)

TBA (Celestyal Cruises)

TBA (Royal Caribbean Cruise Line)

Kaitlyn West (Columbia Cruise Services)

Fabio Nicora, Marco Fresia (GNV Ferries)

Questions and Answers

15.30-16.00 COFFEE BREAK

16.00-17.00 Oral Presentations - Thematic Session:

Inspections

Chairs: Mario Camilleri, Boris Kopilovic

Lecture

Vector surveillance at PoE and on ships - integrated pest management with focus on bedbugs

Antonios Michaelakis

Intervention/Comment: **Emily Barton**

17.00-18.00 Oral Presentations - Thematic Session:

Norovirus Gastroenteritis, COVID-19, influenza and other infectious diseases

Chairs: Jaret Ames

Day 2

Saturday 19 October 2024

Room: Dione/Elettra

10.00-10.30 Lecture

Sustainability and maritime health operations

Jethro Beck

Questions and Answers

10.30-11.40 Round table

Horizon Europe Healthy Ship for You project (HS4U): update on innovations in healthy ship design

Chairs: Dimitrios Lyridis

HS4U scenarios and architecture

Dimosthenis Akouros

Digital tools creation in the HS4U project

Amalia Ntemou

Sampling methodologies and device in the HS4U project

Kyriaki Kokona

Sick Ships: A Discussion on Historical Cases and Optimization for the Future

Stamatina Rassa

Questions and Answers

11.40-12.10 COFFEE BREAK

12.10-13.40 Round table

Respiratory infections on board ships: redefining airborne transmission and latest research finding

Chairs: Jaap Boreel, Niko Siilin

The airborne transmission of respiratory pathogens

Giorgio Buonanno

Studying droplet and aerosol dispersion in confined spaces with mathematical modelling

John Ewer

The cruise industry perspective in managing respiratory infections

Mel Skipp

Innovations in ventilation systems to prevent airborne transmission

Niko Siilin

Questions and Answers

13.40-14.40 LUNCH BREAK

Day 2

Saturday 19 October 2024

Room: Dione/Elettra

14.40-16.10 Round table

Acute gastroenteritis in cruise ships: Innovations and latest research findings

Chairs: **Jaret Ames**

Improving surface disinfection in the maritime environment: Toolkit for ensuring effective disinfection by HEALTHY SAILING

Barbara Mouchtouri (EU SHIPSAN Association)

Risk factors for acute gastroenteritis spread in cruise ships and findings from behavioural science research

Lemonia Anagnostopoulou

Improving hand hygiene in large passenger vessels: Evidence from HEALTHY SAILING research

Szava Bansaghi

The cruise industry perspective

Pierfrancesco Lepore

Questions and Answers

16.10-16.30 COFFEE BREAK

16.30-16.45 Closing remarks

17.00-19.00 HEALTHY SAILING GENERAL ASSEMBLY

Day 2

Saturday 19 October 2024

Room: Calipso

10.00-11.30 Round table

EU SHIPSAN inspection and training activities

Chairs: **Mauro Dionisio, Miguel Dávila Cornejo**

Progress on the revision of the European Manual for hygiene standards and communicable disease surveillance on passenger ships

Leonidas Kourentis

Questions and Answers

An update on the EU Common Ship Sanitation Database update, upgrade and legal framework

Nick Bitsolas

Questions and Answers

EU MS panel discussion on SSC inspections and SHIPSAN inspections

TBA (Belgium)

Tomi Jormanainen (Finland)

Antonios Papadakis (Greece)

Gavin McDonnell (Ireland)

Mauro Dionisio (Italy)

Erika Grigorevice and Brigita Kairiene (Lithuania)

Thijs Veenstra (The Netherlands)

Miguel Dávila Cornejo (Spain)

Questions and Answers

11.30-12.00 COFFEE BREAK

Day 2

Saturday 19 October 2024

Room: Calipso

12.00-13.00 Oral Presentations - Thematic Session:

Crew occupational health

Chairs: Evangelia Nena, Jan Heidrich

Lecture

The contribution of social and behavioral sciences in improving infectious diseases management in the maritime sector

Despoina Andrioti Bygvraa

13.00-14.00 LUNCH BREAK

14.00-15.00 Oral Presentations - Thematic Session:

Preparedness and response to infectious diseases

Chairs: Mairin Boland

15.00-16.00 Oral Presentations - Thematic Session:

Cross-border health threats related to maritime transport sector

Chairs: Christos Papadopoulos, Brigita Kairiene

16.00-16.30 COFFEE BREAK