Digital Trends & AI in Shipping

23 October 2024

10.00 - 13.15 EEST

Within the framework of project EXCEED

EXCEED
Excellence in Green and Digital Manufacturing

2024
REFRESHER TRAINING PROGRAM

From our members for our members

MARITIME TRAINING CENTER
for Pollution Prevention
Safety at Sea and
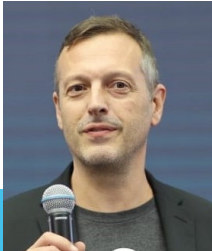Environmental Awareness
HELMEPA

WEBINAR

Addressed to crew officers (deck & engine) and office personnel of HELMEPA Member companies

Level of knowledge: Beginners to Intermediate

Schedule

Time	Session
10.00 – 10.10	Introducing project EXCEED: Excellence in Green and Digital Manufacturing HELMEPA
10.10 - 11.00	Innovations in Shipping: Analysis of Cloud Computing and Artificial Intelligence — Microsoft
11.00-11.10	Break
11.10- 12.00	AI and Big Data applications in Shipping INFORM (Member of AUSTRIACARD Holdings)
12.00-12.10	Break
12.10 - 13.00	Digital training solutions and maritime e-learning — SQLearn
13.00 – 13.15	Q&A / Wrap-up

HELMEPA ACADEMY Microsoft AUSTRIACARD (HOLDINGS) SQLearn e-learning experts

WEBINAR LECTURERS

Yianni TOULIATOS

Partner Development
Director
Microsoft

Yiannis Touliatos is a seasoned
technology leader at Microsoft,
with over 30 years of experience
in the technology sector (12+yrs
at Microsoft, 8+ years as Founder/
CEO). He has a proven track
record of consulting, designing
and delivering complex hosting
and cloud computing solutions
for Enterprises and Independent
Software Vendors across
Europe and North America.
Yianni's educational background
includes an MBA from Sheffield
University and a Level 7 Strategic
Management and Leadership
diploma from the Chartered
Management Institute. His
extensive technical expertise
spans multiple domains including
Cybersecurity, Azure, AI ,Cloud
Migrations, and Multi-tenant
architectures. With a passion
for solving complex technical
challenges, Yianni has earned a
reputation as a trusted advisor
and consultant to organizations
seeking to adopt cutting-edge
technology solutions. He is widely
recognized for his ability to lead
cross-functional teams and drive
successful outcomes for his clients.
Yiannis is currently a Partner
Development Director at Microsoft
working on business development
strategies with enterprise software
companies.

Spyros SAKELLARIOU

Group AI and Data
Analytics Director
AUSTRIACARD HOLDINGS

Spyros Sakellariou has over 32
years working experience in
product management, software
and systems engineering, as well
as entrepreneurship. He has in
depth knowledge in a diverse
range of technologies including
Systems Integration, Network
Functions Virtualization, Big
Data and Artificial Intelligence.
He is the co-founder of the UK
based startup LSTech now part
of AUSTRIACARD HOLDINGS
and he has been the head of
the data analytics competence
centers of Arhs Developments
and Intrasoft International.
His past experience includes
working for Intracom Group
for 21 years where he gained
invaluable experience in
designing and implementing
software products and custom
solutions for Communication
Service Providers and Financial
Institutions. He is now the Group
Director of AUSTRIACARD
HOLDINGS AI & Data Analytics
Competence Center. He
holds an MSc in Information
Technology from the University
of Nottingham UK, a BSc in
Computer Science from Loyola
University of Chicago IL,
USA, and is a graduate of the
prestigious Oak Hill Academy at
Mouth of Wilson VA, USA.

Despina PAPADAKI

National & EU funded
Project Manager
SQLearn

Despina Papadaki is the National
& EU funded Project Manager at
SQLearn Company, with over a
decade of experience in Training
and Education through EU-
funded projects since 2011. Her
expertise lies in innovative digital
tools and platforms, particularly in
Virtual Reality (VR) and e-learning
environments, aimed at enhancing
educational outcomes.In her
role at SQLearn, Ms. Papadaki
manages projects that utilize
digital applications to improve
training effectiveness. Her extensive
background includes managing
EU-funded projects at both NGO
and institutional levels, with a focus
on youth training & competences
development, school education,
higher academic institutions, and
Vocational Educational Training
(VET). As a certified Trainer
of Trainers by SALTO.org, she
designs and delivers tailored
training methodologies for diverse
audiences. Currently pursuing her
PhD at the University of Piraeus in
Maritime Security and the Common
Security & Defence Policy of the EU,
she holds a Master's in International
Strategic Studies and a Bachelor's
in International and European
Studies. Ms. Papadaki is committed
to enhancing learning through
technology, making her a valuable
asset in educational initiatives
across sectors.

* Lecturers appear in presentation order

**Innovations in Shipping:
Analysis of Cloud
Computing and
Artificial Intelligence**

- Introduction

- Cloud Computing and
  Shipping

- Understanding the role of
  AI in Shipping

- Current Technology
  Trends

- Opportunities and Risks

- Where are we headed?
  Future view

**AI and Big Data applications
in Shipping**

A cookbook for the successful
deployment of Generative
AI in the shipping industry,
the following topics will be
covered:

- A bit of history from Big
  Data, to Gen AI, to the Data
  Economy
- Setting the right
  expectations
- Implementing a Gen AI
  project vs Data Analytics &
  Machine Learning
- Remedies for dealing with
  hallucinations and high
  costs
- Use cases beyond the
  chatbot
- The Gen AI enabled
  workplace at land and at
  sea

**Digital training solutions
and maritime e-learning**

- Introduction

- Understanding Digital
  Training Solutions

- Value of Digital Training
  Solutions

- Advantages of Digital
  Training Solutions

- Drawbacks of Digital
  Training Solutions

- Future Trends in Digital
  Training for Maritime

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