Industry Forum Program

(WEDST – Western European Daylight Savings Time – Local Time in Aveiro)

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Industry Forum: Thursday October 19th, 2023, In Person in Aveiro and Virtual Live Online

Industry Forum Chairs: Rui Aguiar, Universidade de Aveiro, Aveiro, Portugal
Adam Drobot, OpenTechWorks Inc., Wayne, Pennsylvania, USA

Indf-01 “Towards Deployment: Roads and Waterways”

Chair And Moderator

Jorge Pereira, DG CONNECT, European Commission

Indf-01 – Session 1

Thursday October 19th 08:30-10:30 WEDST
(Hybrid – In Person in Aveiro, Portugal or Virtual Live Online)

Big Auditorium

Session 1: “Towards Deployment: Roads and Waterways”

Opening Remarks: “Towards Deployment”, Jorge Pereira, DG CONNECT, European Commission


**Keynote:** “The case for Automating Waterways”, Janis Bargsten, Chief Commercial Officer, SEAFAR, Hamburg, Germany.

**Talk 3:** “5G enabling Automated Vessel Sailing in Inland Waterways”, Ghazaleh Kia, SEAFAR, Ghent, Belgium

**Talk 4:** “Charting New Waters and Territories with 5G Private Networks”, Arvi Sadam, Ericsson, Tallinn, Harjumaa, Estonia.

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<th>Indf-02</th>
<th>“Towards Deployment: Rail”</th>
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<td><strong>Chair And Moderator</strong></td>
<td>Jorge Pereira, DG CONNECT, European Commission</td>
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**Indf-02 – Session 2**  
**Thursday October 19th 11:30-13:00 WEDST**  
(Hybrid – In Person in Aveiro, Portugal or Virtual Live Online)  
**Big Auditorium**

**Session 2:** “Towards Deployment: Rail”

**Keynote:** “FRMCS/5G for Future Rail Operation and the Gigabit Train”, Patrick Marsch, Head of Connectivity, IT and Data Platforms and IT/OT Security, Digital Rail for Germany, Deutsche Bahn, Netz, Germany.

**Talk 1:** “The first FRMCS demonstrator”, Vassiliki Nikolopoulou, UIC, Versailles, Île-de-France, France

**Talk 2:** “FRMCS in 5GMed”, Sylviane Roullier, SNCF, Le Mans, France

**Talk 3:** “The Final 5G-VICTORI Rail Field Trial in Patras, Greece”, Tanya Politi, and Panagiotis Papaioannou, University Of Patras, Patras, Greece.

**Talk 4:** “Coexistence of railway and commercial services”, Léo Mendiboure, Université Gustave Eiffel, Pessac, Nouvelle-Aquitaine, France.

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<th>Indf-3</th>
<th>“Towards Deployment: Logistics and Network Applications”</th>
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<td><strong>Chairs And Moderators</strong></td>
<td>Jorge Pereira, DG CONNECT, European Commission</td>
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**Indf-03 – Session 3**  
**Thursday October 19th**  
**Session 3:** “Towards Deployment: Network Applications and Logistics”
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| 16:30-17:30 WEDST | **Talk 1:** “Onboarding Automotive Network Applications on a 5G testbed”, Antonio Skarmeta, Odin Solutions, Murcia, Spain.  
**Talk 2:** “End-to-end CAM service support across the 5G compute continuum”, Konstantinos V. Katsaros, ICCS, Greece.  
**Talk 3:** “Monetizing connected car data using 5G and IoT technologies: the 5GMETA platform”, Pierre Merdrignac, Institut VEDECOM, Versailles, FRANCE.  
**Talk 4:** “5G powered logistics optimization for Industry 4.0”, Nelly Giannopoulou, WINGS ICT Solutions, Athens, Greece.  
**Talk 5:** “Enabling innovation in maritime ports”, Eusebiu Catana, ERTICO, Brussels, Belgium.  
**Panel Discussion:** “Lessons Learned and Challenges towards deployment.” |
| Big Auditorium | **Industry Forum:** Friday October 20th, 2023, In Person in Aveiro and Virtual Live Online  
**Industry Forum Chairs:** Rui Aguiar, Universidade de Aveiro, Aveiro, Portugal.  
Adam Drobot, OpenTechWorks Inc., Wayne, Pennsylvania, USA.  
**Indf-04** | “Enhancing Public Protection and Disaster Relief (PPDR) through 5G”  
**Chair And Moderator:** Jorge Pereira, DG CONNECT, European Commission  
**Indf-04 – Session 4** | **Session 4:** “Public Protection and Disaster Relief (PPDR) –I”  
**Keynote:** “5G for PPDR”, Jorge Pereira, DG CONNECT, European Commission, Brussels, Belgium  
**Talk 1:** “Lessons learned in early usage of IoT and mobile communications in PPDR scenarios.”, Luis Cordeiro, OneSource, Coimbra, Portugal.  
**Talk 2:** “Emergency Infrastructure and Services Orchestration”, Janez Sterle, Internet Institute Ltd., Ljubljana, Slovenia.  
**Talk 3:** “Non-public 5G network for first responders and protection forces.”, João Fernandes, OneSource, Consultoria Informática Lda, Coimbra, Portugal.  
**Big Auditorium** |
### Indf-05

#### Session 5

**Talk 1:** “Advancements in Edge Computing and Service Orchestration in Support of PPDR Use Cases”, Dimitrios Apostolopoulos, National Technical University of Athens (NTUA), Athens, Greece

**Talk 2:** “Surveillance and Protection of Critical infrastructures”, Vasileios Theodorou, Intracom Telecom, Dionysos, Attiki, Greece.

**Talk 3:** “Public Safety”, Robert Sugar, Urban Hawk Ltd., Bristol, UK

**Talk 4:** “Situational Awareness.”, Rudolf Sušnik, Internet Institute Ltd., Ljubljana, Slovenia.

**Talk 5:** “Improving public warning communication through research.”, Menno Bot, One2Many/EverBridge, The Netherlands

**Talk 6:** “Empowering PPDR Applications and Services”, Rudolf Sušnik, Internet Institute Ltd., Ljubljana, Slovenia.

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### Indf-06

#### Session 6

**Session 6:** “Public Protection and Disaster Relief (PPDR) - Drones”
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| 16:30-18:30 WEDST | **Big Auditorium**  
16:30-18:30 WEDST (Hybrid – In Person in Aveiro, Portugal or Virtual Live Online)  
Talk 1: “Reliable drone-based video streaming”, Janez Sterle, Internet Institute Ltd., Ljubljana, Slovenia.  
Talk 2: “Positioning, Sensing, and Location-based Analytics in 5G and Beyond”, Stefania Bartoletti, University of Rome Tor Vergata and CNIT, Rome, Italy.  
Talk 3: “UAS trials on public safety and saving lives”, Jussi Haapola, University Oulu, Finland  
Keynote: “BroadEU.net: working towards an EU Critical Communication System”, David Lund, Public Safety Communications Europe (PSCE), SafeNetics, UK  
Panel Discussion |