navisp INDUSTRY DAYS 2026

AGENZIA SPAZIALE ITALIANA

Detailed AGENDA

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Driving PNT Innovation

Between Science and Art

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AGENDA - DAY 1

October 14

14:00 — **Welcome and Introduction**
Giancarlo Varacalli (ASI)
Marco Falcone (ESA)

14:30 — **NAVISP - European PNT Competitiveness**
Rafael Lucas Rodriguez (ESA)

14:50 — **Keynote: Resilient PNT in Automotive**
Dr. Ramsey Faragher (Royal Institute of Navigation)

15:10 — **Panel: Navigating the Storm – PNT Resilience**
Moderator: Daniel Ammann (Onocoy)
Oscar Pozzobon (Qascom)
Bruno Bougard (Septentrio)
Robin Anderton-Brown (Allium Associates)
Gorazd Mirkovski (Dimetor)
Patrick Shannon (Trustpoint)

16:00 — **Coffee Break**

16:40 — **Panel: PNT for Ports**
Moderator: Karen van Brussel (Port of Antwerp-Bruges)
Terje Jørgensen (Port of Kirkenes)
Cosimo Cervicato (Grimaldi)
Enrico Spinelli (ESA)
Christoph Nienhaus (Deutsche Bahn)
Henning Udo Goldmann (Otto Group)

17:30 — **Keynote: PNT for Underwater**
Fransesco Cavallini (SAIPEM)

17:50 — **Aperitivo**

18:50 — **Young Navigators Event**
ESA Young Nav

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AGENDA - DAY 2

October 15

08:30 — **Welcome Coffee**

09:00 — **Keynote: 5G Broadcast Business Strategy & PNT**
Jerzy Godek (Emitel)

09:20 — **Panel: Challenges of Scaling-Up Drone Applications**
Moderator: Vassilis Agouridas
Heidi Kuusniemi (Tampere University)
Alejandro Suarez Rodriguez (Directorate General for Traffic Spain)
Karen van Brussel (Port of Antwerp-Bruges)
Alberto Lovino (ENAV)

10:20 — **Startup/SMEs Pitches**

11:00 — Coffee Break

11:45 — **Keynote: eLORAN Test Campaign Results**
Mark Brammer (BIST)

12:10 — **Panel: eLORAN and Complementary PNT**
Moderator: Mark Brammer (BIST)
Andrew Kelly (Civitanavi UK)
Omar Eriksson (IALA)
Aziz Taga (Rohde & Schwarz)
Prof. Jiwon Seo (Yonsei University)

13:10 — **Lunch**

14:10 — **B2B Session**

14:30 — **Keynote: Indoor Navigation – Last PNT Frontier**
Prof. Luca de Nardis (University of Sapienza)

14:50 — Closing Remarks

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Session Contents

Day 1

Navigating the Storm
Strategies for PNT Resilience and Threat Mitigation

GNSS jamming and spoofing have surged since 2022, driven by conflicts and cheap hardware. Critical infrastructure, aviation, maritime, energy, finance, relies on GNSS for positioning and timing, yet its signals are extremely weak and easily disrupted. All these factors form the ingredients of a perfect storm.

This session will explore the key strategies being implemented to overcome these challenges in the introduction and deployment of commercial PNT products and services, highlighting practical approaches and emerging opportunities.

The Next Maritime PNT
PNT for Ports and Underwater Infrastructure Management

The session will bring port authorities, shipping companies and infrastructure operators together to discuss PNT needs in ports and underwater environments, where resilient positioning and timing are critical for goods handling, safe vessel berthing, and monitoring subsea infrastructure.

These use cases highlight the broad reliance on PNT and the need for robust solutions in complex maritime and near-shore conditions.

Day 2

Unmanned Operations
Challenges of Scaling-up Drone Applications

Drone applications are rapidly moving from pilots to real-world deployment across sectors like transport, ports, and public safety, but scaling remains challenging. It requires not only mature technology, but also strong regulation, reliable PNT, and solutions to security risks like counter-UAS.

This session brings together regulators, authorities, and users to explore current drone use in traffic management, port operations, and safety-critical infrastructure monitoring.

eLoran and Indoor
And Complementary PNT Technologies

Enhanced long-range navigation (eLoran) is a high-power terrestrial system for positioning and timing in safety-critical sectors.

The March 2026 ESA/ESTEC conference confirmed its role as a GNSS complement or backup, including in Europe. NAVISP supports ongoing antenna, receiver, and timing developments.

This session will highlight eLoran test results alongside other complementary solutions, such as 5G broadcast positioning and advances in indoor positioning.

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