



# CODEVINTEC

Tecnologie per le Scienze della Terra e del Mare

45° 27' 39.384" N  
9° 07' 30.145" E

## Codevintec Days 2018 30 May – 31<sup>st</sup> May – Trieste 1° Day - MARINE

### AGENDA

9.15 - 9.45	Registration and Welcome coffee
9.45 - 10.00	Saluti
10.00 - 11.00	CODEVINTEC: almost half a century of instruments to explore the sea. Overview of the latest technologies and description of the instruments installed on the boat for the live demonstration.
11.00 - 11.30	EDGETECH: Benefits of using Combined MPES (Multi Phase Echo Sounder) Bathymetry and Side Scan Sonar in Shallow Water Surveys.
11.30 - 12.00	TELEDYNE MARINE: Recent Sonar improvements for 3D Seafloor Mapping and Imaging: accuracy, definition, versatility, efficiency.
12.00 - 12.30	MARINE DRONES: Unmanned vehicles for detailed survey in problematic, uneconomical or even unreachable areas
12.30 - 14.00	Lunch buffet - free visit to the exhibition, demonstration of the hydrographic drone.
14.00 - 14.30	SEARCH&RESCUE: Instrumentation and solutions for fast, effective and safe Search & Rescue inspections and interventions.
14.30 - 15.00	TELEDYNE PDS HYDROGRAPHIC SOFTWARE. The software tool to assist all the marine professionals: from Hydrography to Construction to Dredging operations.
15.00 - 15.30	TELEDYNE CARIS HYDROGRAPHIC SOFTWARE. Saving time and money with the Advanced Real-time Automation with the CARIS Onboard Processing in combination with the new HIPS 11.
15.30 - 16.00	Coffee Break
16.00 - 16.30	NAVIGATION AND POSITIONING. A look at the different technologies available for on water and underwater navigation and their integration: GPS/GNSS, IMU, INS, DVL and USBL.
16.30 - 17.00	Questions, next day presentation and salutation
17.00 - 18.00	Specialists and technicians available for in-depth information

#### DEMO ONBOARD

Reson Seabat T50  
Edgetech 4125  
Applanix POS MV  
WaveMaster  
Teledyne PDS

#### DEMO ALONG THE DOCK

Marine drone with Multibeam echosounder

Exposition  
From 10.00 to 18.00



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## Codevintec Days 2018 30 May – 31<sup>st</sup> May – Trieste 2° Day - LAND

### AGENDA

<b>9.00 - 9.15</b>	Saluti
<b>9.15 - 9.45</b>	CODEVINTEC: almost half a century of technologies to explore the Earth.
<b>9.45 - 10.15</b>	OVERVIEW OF THE LATEST TECHNOLOGIES FOR EARTH SCIENCES: Electrical Resistivity, Magnetometer, Seismic, Gravimeters... What's new?
<b>10.15 - 11.00</b>	3D-RADAR. The GPR Array with Step Frequency technology: a new way to survey underground in 3D, at speed of 100 km/h or more.
<b>11.00 - 11.30</b>	Coffee break
<b>11.30 - 12.15</b>	METASENSING. FastGBSAR generation. Fast Ground Based Interferometry for high accuracy deformation monitoring applications of structures and landslides.
<b>12.15 - 13.00</b>	THE NEW GSSI GPR. The evolution of the GSSI pulse GPR and its benefits in real applications.
<b>13.00 - 14.00</b>	Lunch buffet free visit to the exhibition
<b>14.00 - 16.30</b>	Demonstrations of Land and Marine systems
<b>16.30 - 17.00</b>	Cocktail Introductions to the technical services

### DEMO IN THE FIELD

3D-Radar Georadar Step Frequency  
GSSI Georadar  
Metasensing FastGBSAR

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