



*State of the art  
EGNSS high accuracy positioning:  
what can Galileo bring to the table?*

Third TREASURE School  
November 4-8, 2019 – Turin, Italy

## Day 1 - Monday 04 Nov

**12:30-13:00** Welcome and Introduction

*Fabio Dovis (Politecnico di Torino)*

Lunch

**14:00-15:00** The High Accuracy Service of Galileo and potential benefits for PPP

*Ignacio Fernandez (TBC) (European Commission)*

Coffee break

**15:30-17:00** Authentication strategies to counteract spoofing

*Beatrice Motella (LINKS foundation)*

End of Session

## Day 2 - Tuesday 05 Nov

**8:30-10:30** Ionospheric corrections for Galileo and Integrity of the High Accuracy Service

*Matthieu Lonchay (Septentrio)*

Coffee break

**11:00-13:00** Machine learning techniques for GNSS anomalies detection

*Nicola Linty (Finnish Geospatial Research Institute)*

Lunch

**14:00-15:00** Managing ionospheric data: practical exercises on data processing

*Claudio Cesaroni, Luca Spogli (Istituto Nazionale di Geofisica e Vulcanologia)*

Coffee break

**15:30-17:30** Managing ionospheric data: practical exercises on data processing (cont.)

*Claudio Cesaroni, Luca Spogli (Istituto Nazionale di Geofisica e Vulcanologia)*

End of Session

## Day 3 - Wednesday 06 Nov

**8:30-10:00** Software approach to GNSS receiver design

*Fabio Dovis (Politecnico di Torino)*

Coffee break

**10:30-12:30** Software implementation for applications

*M. Troglia-Gamba (LINKS foundation)*

Lunch

**14:00-15:00** New technologies in agriculture, challenges and future perspectives  
*Paolo Gay (University of Torino - Dept. of Agricultural, Forestry and Food Sciences)*

Coffee break

**15:30-17:30** Integration strategies: the role of the Navigation filter  
*G. Falco (LINKS foundation)*

Social event

## Day 4 - Thursday 07 Nov

**8:30-10:30** Impact of new Galileo services on the market: a strategic view. Introduction to exercise  
*Monica Pesce (Valdani Vicari & Associati)*

Coffee break

**11:00-13:00** Teamwork on business canvas for GNSS applications  
*Lecturer TBD*

Lunch

**14:00-15:00** Visit to NavSAS lab and Politecnico Campus

Coffee break

**15:30-17:30** Visit to NavSAS lab and Politecnico Campus

Social Dinner

## Day 5 - Friday 08 Nov

**8:30-10:30** Robotics for precision agriculture  
*Marcello Chiaberge (PIC4Ser)*

Coffee break

**11:00-13:00** Demos  
*(PIC4Ser)*

Lunch

End of the school

