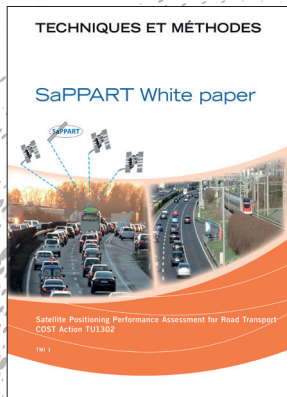


Read the white paper

If you don't read this white paper:

- You won't understand why your car navigator doesn't know where it is and where to go.
- You will even be surprised that you are driving in the wrong direction.
- You will still believe that GPS is a Global Problem Solver.
- You will save time, but don't forget that timing is everything.



Want to be smart
in GNSS
and positioning?

Read it!
this white paper
is for you!

Download it on



Contacts

François Peyret (Chair)
IFSTTAR - GEOLoc Laboratory, France
francois.peyret@ifsttar.fr

Pierre-Yves Gilliéron (Vice-Chair)
EPFL - TOPO Laboratory, Switzerland
pierre-yves.gillieron@epfl.ch

 <http://www.sappart.net>

 [SaPPART group](#)




EUROPEAN COOPERATION
IN SCIENCE AND TECHNOLOGY

COST is supported by the EU Framework Programme Horizon 2020


EUROPEAN COOPERATION
IN SCIENCE AND TECHNOLOGY

 Satellite Positioning Performance
Assessment for Road Transport



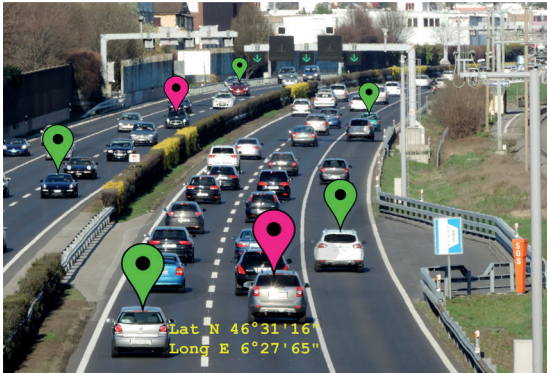
COST Action - TU1302
2013-2017



Behind Coordinates

What is the link between?

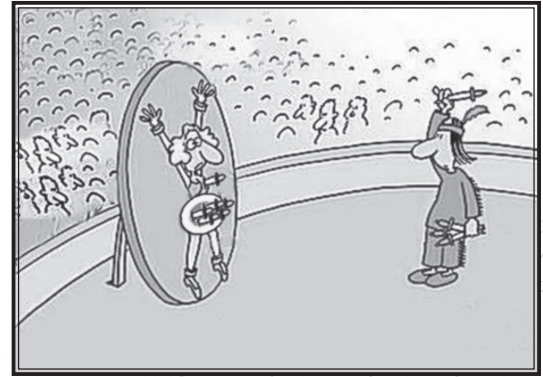
- Deploying emergency vehicles.
- Finding the best route.
- Activating e-call alarm.
- Collecting fees on specific road section.
- Monitoring traffic flow in real time.
- Optimizing eco-driving.
- Helping driver under severe road conditions.
- Contributing to vehicle automation.



Source: EPFL

Be trustful

High positioning accuracy is not enough



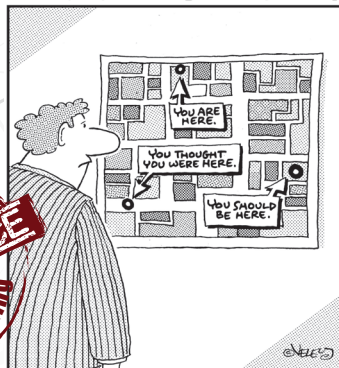
Source: Ronaldo DIAS - GMV

Positioning with integrity is crucial for safety critical applications

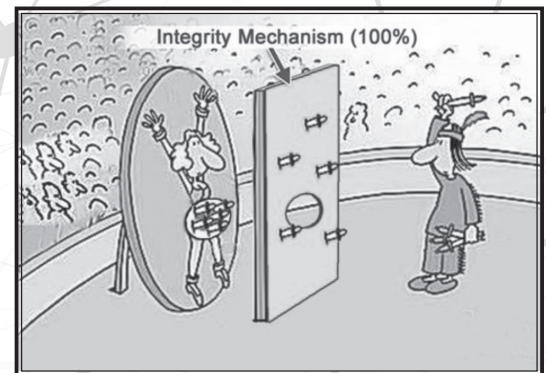
More than a position

Accurate positioning: what else?

- Is the accident located on the correct lane of the motorway?
- Is the vehicle in the user charging area?
- Is the safety distance between cars maintained?
- Where is this truck carrying dangerous goods?



Source: Bradford VELEY



Source: Ronaldo DIAS - GMV