



EUROPEAN SATELLITE NAVIGATION COMPETITION 2015

in cooperation with



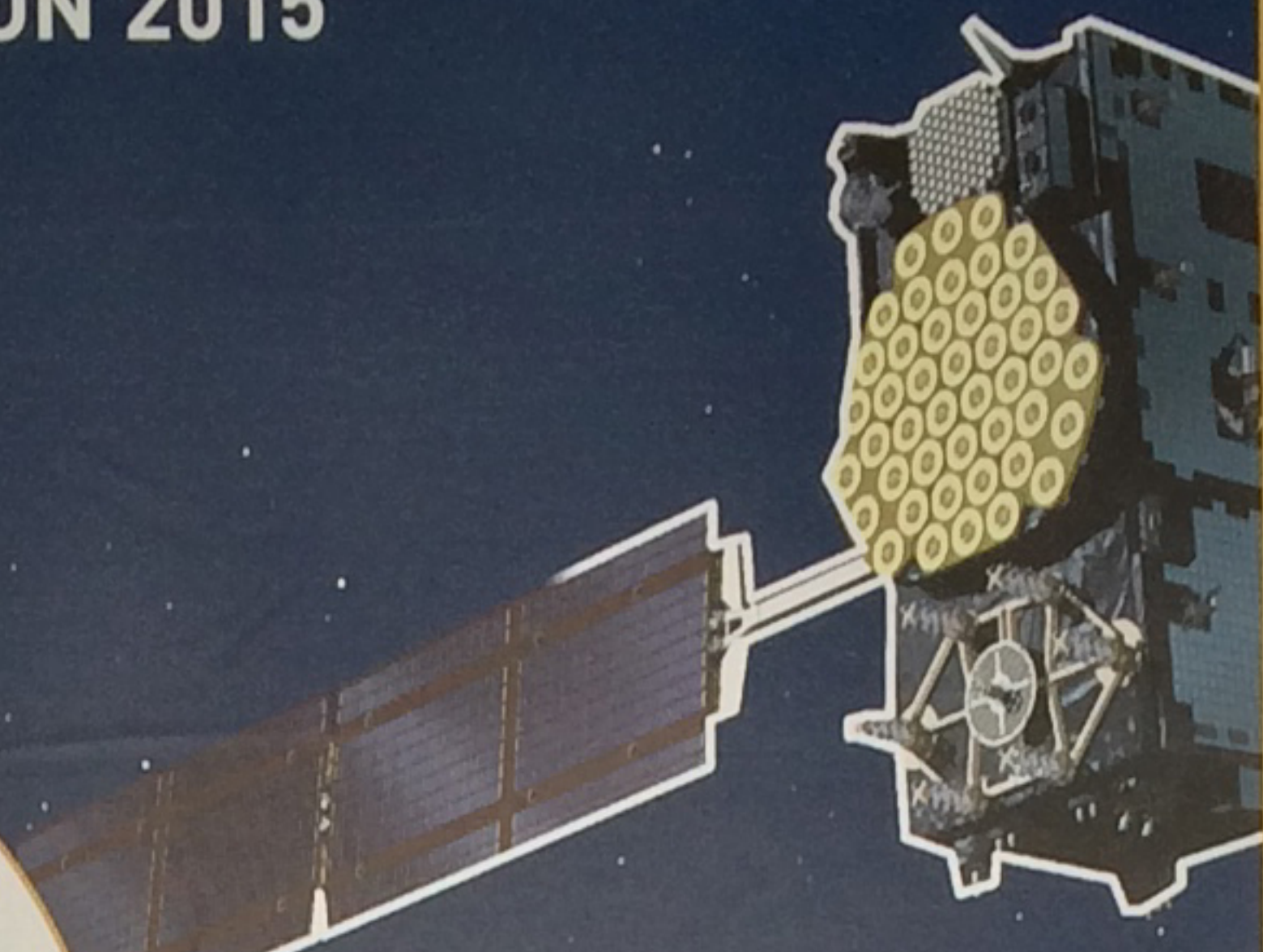
Double Winner



Special Prize Winner
ESA space solutions® Prize



Regional Winner
Switzerland



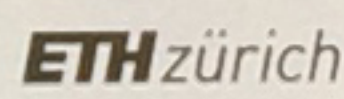
Meter VS **• CM**

RTKNAV

© FixPosition

Agriculture
Drone
Mobility
Positioning
Health Care

Su Zhenzhong, Tonio Gsell, Alexander Wolf
zsu@ethz.ch
www.fixposition.ch



RTKNAV – A Low-Cost, Compact, User-Friendly, Centimetre-Accurate, Real-Time Navigation Solution

Summary

RTKNAV provides a low-cost, compact, user-friendly GNSS navigation solution with real-time centimetre-level accuracy for any outdoor application. The embedded algorithm implementation makes contemporary high-precision GNSS functionality affordable and accessible to the mass market. RTKNAV is designed for multiple areas of deployment, such as drone-based delivery, autonomous driving, the Internet of Things, and crowdsourced geo-monitoring.

Customer Benefit

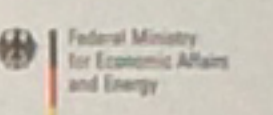
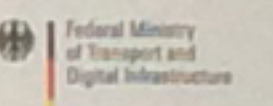
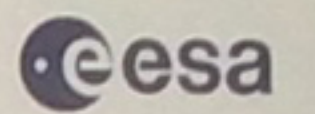
1. More functionality for less (a centimetre-accurate navigation service for a few hundred Euros)
2. RTKNAV's real-time, centimetre-accurate navigation enables new applications (e.g. drone-based delivery, improved harvest efficiency in farm machinery)



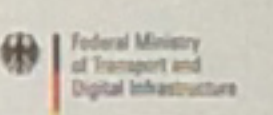
www.esnc.eu



special prize partners



under the patronage of



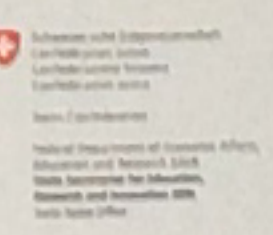
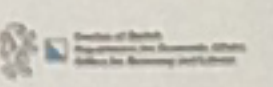
organised by



Switzerland regional organiser

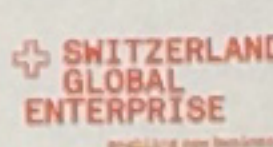


regional partners



ETH

Engelmannstrasse 6, 8092 Zurich



enabling new business