

# GNSS raw measurements in consumer devices

## A playground for scientists or a real market opportunity?

Join the session for an interactive discussion with **Frank van Diggelen** (Google), **Mark Dumville** (NSL), **Moises Navarro** (Astrium) and **Lukasz Bonenberg** (University of Nottingham) and preview the GSA Raw Measurements Task Force White Paper.



**Thursday,  
September 28, 2017**



**2:00 p.m. - 2:45 p.m.**



**Room C120-122**

With a smartphone featuring Android 7.0 (i.e., Nougat), users now have access to raw GNSS measurements. This feature opens the door to higher-accuracy and the development of algorithms once restricted to more advanced GNSS receivers. This new capability will allow users to fully benefit from the special features offered by Galileo, and to combine it with other constellations in the most efficient way.

Although Nougat makes accessing raw data easier, using it remains a challenge. In fact, its use remains largely limited to research centres, universities and GNSS experts – which raises the question: is there real market opportunity in GNSS raw measurements or is it simply a playground for scientists and experts?

To answer this question, the European GNSS Agency (GSA) launched the Raw Measurements Task Force. Comprised of GNSS experts, scientists and market players, the Task Force aims to foster a wider use of these raw measurements. Their White Paper, set to be published soon, will provide application developers with a range of tools, including practical tips and innovative ideas on how to take full advantage of GNSS raw measurements.

To discover smartphones and other devices that are already Galileo-enabled go to:  
[www.useGalileo.eu](http://www.useGalileo.eu)

### A sneak peek at ION

This exclusive session will include:

- First-hand tips and innovative ideas on using GNSS raw measurements
- Results from tests using raw measurements conducted by different experts
- Advice on how to ensure the use of Galileo in smartphone applications
- Expert insights on the challenges and opportunities of GNSS raw measurements

The session will be moderated by Fiammetta Diani, Deputy Head of Market Development at the European GNSS Agency (GSA).

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