

## **Is there a need and sufficient interest in getting ISO/IEC 18305 revised?**

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To the best of our knowledge, *ISO/IEC 18305, Test and evaluation of localization and tracking systems*, is the only international standard that deals with this subject. In the five years that have passed since 18305 was published, researchers and practitioners have made references to 18305 and have attempted to test indoor localization systems according to the procedures prescribed in 18305. Even though most experts agree on the need for standardized testing, the use of 18305 and, in general, testing of indoor localization systems have not been as widespread as initially hoped for. There have also been critical readings of 18305, where invaluable comments have been made on the standard.

The purpose of this session is twofold. First, we will go over some aspects of 18305 that have precluded its wide usage. For example, the testing procedures are expensive, and there are probably too many performance metrics for accuracy. The key question is whether the 18305 testing procedures can be simplified without compromising the integrity of the test results. Second, we will describe the formal ISO/IEC process of getting 18305 revised so that those interested in participating in a potential revision process for the standard are made aware of the level of commitment needed. A revision process cannot be launched unless there is sufficient expert participation in the process.

We will leave plenty of time for Q&A and live interaction with the audience at the end of the session.