

Abstract
-Workshop “ICT for Next Generation ITS”-

TITLE: ETSI TC ITS Standardization Activities

Abstract:

The presentation gives an overview about the spectrum regulations valid for Intelligent Transport Systems (ITS) in the European Union and in CEPT Member States and the associated usage conditions. It informs about the activities related to radio spectrum standards prepared by ETSI and used for Cooperative ITS. This includes information about how to avoid harmful interference between different ITS applications and how to use the spectrum more efficiently. Moreover, a summary of key technology standards prepared for Cooperative ITS is presented and to which extent these standards have been harmonized across the globe. The presentation also shows how the prepared standards have been validated and improved for use in the real world, hence being reliable instruments for the market introduction of Cooperative ITS. It is further outlined how Cooperative ITS, along with other technologies such as Automotive Radar, can contribute to making autonomous driving a mass market technology. This is illustrated by having a closer look at Cooperative Adaptive Cruise Control (C-ACC) and at Platooning. Finally, the presentation emphasizes that cooperation among stakeholders is desirable for the continued success of ITS development and deployment.