

Cognitive Radio Systems for an efficient exploitation of TV White Spaces in Europe



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PAULO MARQUES is co-author of the IEEE P1900.6 cognitive radio standard and the scientific coordinator of FP7 COGEU project: "*Cognitive Radio Systems for an efficient exploitation of TV White Spaces in Europe*" (www.ict-cogeu.eu), funded by the European Commission under the seven Framework Programme (FP7).

Talk

This talk will present the objectives and main achievements of the FP7 COGEU project: "*Cognitive Radio Systems for an efficient exploitation of TV White Spaces in Europe*".

The talk will be complemented with a live demonstration of the COGEU online spectrum broker designed for automatic trading of TV *White Spaces*. The audience will be invited to register as spectrum seekers and be part of an online auction for specific TVWS opportunities (location, vacant TV channel). Realistic spectrum opportunities will be on the market. The broker is linked with the COGEU geo-location database populated by the German broadcasters for a 50 km² area around Munich with 200 resolution.