

TC6 New Topics Proposal

Content

- ◆ **Outreach to Other Spectrum-Engineering Related Symposia**
- ◆ **Statistical Culling Analysis Proposal**

Outreach to Other Spectrum-Engineering Related Symposia

- ◆ Several symposia address Spectrum Engineering, such as...



The 5th Annual European Spectrum Management Conference
22 - 24th June 2010 . Central Brussels

Organised by: **Forum europe** Knowledge Partners: **analysys mason** **dot.econ**

LAST CHANCE TO REGISTER!

- ◆ **Waveform Diversity Symposium...**
- ◆ **Is the EMCS and TC6 visible there?**
- ◆ **Should we be?**

Statistical Culling?!?

- ◆ **Historically, RF compatibility analysis was carried out using:**
 - Frequency Culling
 - Amplitude culling
- ◆ **Techniques most suited for analog systems, but – not for digital and pulsed transmitters**
 - Lower duty cycle
 - Error correction coding used
- ◆ **Probability of interference (BER, MER) should be considered even when amplitude/frequency culling indicate possible interference**
 - In-band and out of band coupling to be considered
 - Statistical models need to be evaluated
- ◆ **It is proposed to create a WG to address this question**
- ◆ **I propose to lead the effort, developing:**
 - Problem formulation
 - Roadmap for activity