

HSPA and WIMAX – the Contest

Course Duration:

- ▶ 3 hours

Course Description:

- ▶ This course has specifically been designed for a direct comparison between the two cutting edge technologies HSPA and WIMAX.
- ▶ The course illustrates in detail how both technologies fulfill the required fast resource scheduling in the MAC-layer and what functions their physical layers provide.
- ▶ We also discuss important questions like network integration options and evolution paths of both technologies.

Pre-Requisites:

- ▶ The student should possess detailed knowledge of wireless communications, particularly within the area of digital signal processing in wireless communications.
- ▶ The student should be aware of the technical details of at least either technology, HSPA or WIMAX.
- ▶ Previous design experience in the area of GSM, CDMA or UMTS-equipment is a big plus.

Course Target:

- ▶ The student will understand the technical pros and cons of both technologies.
- ▶ After the course the student will be able to decide for a given configuration whether it makes technically and commercially sense to integrate WIMAX and/or HSPA.

Some of your questions that will be answered:

- ▶ How do both technologies compare considering their basic performance figures?
- ▶ How do the architectures of both technologies compare?
- ▶ How do the MAC-mechanisms of both technologies for fast resource scheduling and release compare?
- ▶ Is it already the right time to consider the establishment of WIMAX-access network based mobile networks?
- ▶ How the business environment of both technologies compares?

Who should attend this Course?

- ▶ Technical decision takers and consultants who need to understand the pros and cons of both technologies.
- ▶ Technical experts of either side who need to understand the other technology in more depth.

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