

Tutorial Track 2: B3G Cellular Systems

3GPP HSPA Evolution and LTE

Author & Affiliation

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Short Tutorial Description

- HSDPA/HSUPA
 - Introduction to HSDPA / HSUPA
 - 3GPP Release 5 HSDPA (High Speed Downlink Packet Access) standard
 - HSDPA performance and dimensioning
 - 3GPP Release 6 HSUPA (High Speed Uplink Packet Access) standard
 - HSUPA performance and dimensioning
 - 3GPP Release 7 HSPA Evolution standard
 - 3GPP Release 8 HSPA Evolution on-going
- LTE
 - LTE Physical Layer
 - LTE Layer 2/3
 - LTE Architecture
 - Handovers
 - Packet scheduling
 - LTE Network Performance
 - LTE evolution to IMT-A
 - Benchmarking with HSPA and WiMAX

Speaker's Biography

Harri Holma



Harri Holma joined Nokia Reserch Center in 1994 and received his M.Sc. from Helsinki University of Technology 1995. He has been with Nokia Networks since 1998 and has been located both in Finland and in USA during that time. Harri Holma is currently working as Head of Technology - Radio Office with Nokia-Siemens networks with special interest on radio network performance. He has completed his Ph.D. at Helsinki University of Technology 2003. Dr. Holma has edited the book "WCDMA for UMTS" and "HSDPA/HSUPA for UMTS" and contributed to a number of other books in the radio communication area.