

**Speaker:** Mr. Roland Götz, Member of the Board, LS telcom AG  
**Presentation:** Radio Network Design and Convergence between Mobile and Broadcast for New Generation Networks

**Abstract:**

Next generation networks (NGNs) must meet the demands of the next generation users. A “network everywhere” offering a broad range of different data services, multimedia support, security, personalization and mobility have to be provided by the operators of future networks. But the users do not want to worry about technical details like the access technology; they are only interested in the offered services and the quality and costs thereof. It will be the task of the network operator to choose the “best” technology, or better the best mix of technologies for their next generation network meeting the customer’s expectations in a cost-effective way.

The presentation will, based on the requirements towards next generation networks, compare the situation of mobile and broadcast and demonstrate the convergence between this. Network design challenges coming up with the next generation networks, will be outlined by having a closer look to tasks and methods of 3G mobile network planning compared to the well-understood procedures for recent 2G networks.