

Presentation:

**Planning of Next Generation Wireless Networks: Challenges and Solutions**

Speaker:

Mr. Roland Götz, Member of the Board of Directors, LS telcom AG

**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, has to be provided by the future operator. But the users do not want to worry about technical details like the access technology; they are only interested in the offered services, the quality and costs thereof. It will be the task of the network operator to choose the “best fitting” 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 determine the demands towards next generation media networks and provide an overview of the challenges and solutions of planning such future networks. In structure of a case study, the planning of a fixed broadband wireless access networks in different environments, will be presented. The network design will be demonstrated based on real scenarios using state-of-the-art planning tools.