

Keynote Speaker



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Title

Towards an Integrated Optical and Wireless Access Architecture

Abstract

A huge traffic growth is expected in the metro and core network through new FTTH and mobile broadband access connections (e.g. LTE). The network costs of current architectures strongly depend on traffic growth: the higher the traffic, the higher the network costs. Such a cost increase could impact on the ISP's margins. Therefore, new architectural solutions able to face with the huge expected traffic increase in a more cost-effective way will be needed in order to assure a low cost broadband Internet access. The presentation will focus on the migration steps to be taken towards an end-to-end network architecture able to absorb the expected traffic increase while minimizing transport costs.

Biography

Juan Pedro Fernández-Palacios Giménez graduated with a degree of Telecommunications Engineering from Polytechnic University of Valencia. In September of 2000 he joined Telefonica I+D where he has been working on the design and planning of optical networks within Telefonica Group. Currently he is Project Manager in the Division of Network Planning and Techno-Economic Evaluation of Telefonica I+D.