Talk number 4 (session 7)
Towards an open service platform in NGN

Abstract: Across the telecom industry, much work is underway to separate the communications capabilities in today's networks from the networks themselves and to make those capabilities available for integration into the applications of the IT industry. This effort is making possible a rich menu of modular building blocks that can be easily mixed and matched with building blocks from the IT industry to form wholly new kinds of multimedia services and automated business processes that marry the rich content, data applications, and business processes of the IT world with the intelligent, real-time, in-the-network functions of the telecom domain (communications-enabled applications). The effort also aims to promote reusability and portability of standardized capabilities, in order to reduce application development costs, to quickly adapt to varying customer requirements and to support an increased variety of business models.

Key to this effort at the core of future service architectures and service platforms are the SOA (Service Oriented Architecture) and the WS (Web Services) frameworks. ITU-T has started the development of specifications towards the integration of SOA and WS technical approaches in the NGN context. In line with approved and ongoing ITU-T recommendations, this presentation, building over the basic concept of NGN capabilities and focusing on ongoing activities within ITU-T SG13, will introduce some key objectives, requirements and capabilities for the support of an advanced open service platform in NGN. Some achievements and current standardization challenges related to this effort will then described.