

## **Research article**

### **Network Management of Future Access Networks**

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#### Abstract:

The future heterogeneous networks will be more sophisticated and complex. The access network in future will mostly depend on wireless medium of communication with a demand of high bandwidth for the subscribers. The management of such a heterogeneous system is a big challenge. In this paper, we present the overview of a study for future access network management. General ideas involved in the development of simulated and emulated future networks are also presented.

Different tools those are developed during the study are also discussed in this paper. To provide the higher bandwidth we used Multi Protocol Label Switching (MPLS) networks and reconfigurable wireless devices such as multi party access gateways to represent the wireless access networks are used in this work. The paper discusses the idea of management in future heterogeneous networks.