

Experimental Work

Responsible Postgraduate Student: Ioannis G.Fraimis

Title: "Dynamic Channel Allocation in Cellular Networks"

Scope: Students will have the opportunity to watch and learn how we can simulate a wireless cellular system in MATLAB. They will also learn techniques on channel allocation and the chance to manage a wireless cellular network by taking into account that the number of radio resources is limited. Moreover, they will try to evaluate the performance of the network considering the improvement of the system's desired factors and the "trade-off" effect on other.