Theory part is responsible for investigating, modeling and simulating features as well as developing authentication algorithms, which will be applied in the offline post-processing in MATLAB.

The idea behind our work is to review the different features that one can exploit in order to formulate an authentication algorithm. The first step is to reproduce the results of the related work in the literature and adapt the algorithms in order to use them in our environment. The second step is to use the MATLAB code for post-processing real data, extracted directly from the Software-Define Radios (SDR) link measurements.