
Neagu Ana Maria

DOMAINS OF PROFICIENCY:

- Communication networks management.
- Digital signal processing.
- MATLAB programming.

SIGNIFICANT RESULTS:

- Development of algorithms and software applications regarding the resources management in spread spectrum radio networks.

Doctoral student at the Technical University of Cluj-Napoca (the title of the doctorate degree paper is Studies Regarding the Development of Channel Estimation and Signal Detection Methods for MIMO-OFDM Systems with Adaptive Modulation, scientific coordinator: Univ. Prof. Dr. Eng. Tudor Palade).

In this project she will be responsible for: estimating the JTRS system capabilities by studying the efficiency of SDR specific adaptive modulations; development of algorithms facilitating the allotment of resources to radio networks in communication environments characterized by a high level of standardization; time – frequency – space analysis of some SDR specific complex signals.