

Seminar

Study of Joint Radar Communications performances for different Multicarrier scenarios.

The student should read the proposed paper [1] and find other possible approaches that could be an alternative. S/he has to study the different possible scenarios that fit with the proposed topic. The main aim of the report is to evaluate which one could be the best approach in terms of performances

[1] L. Gaudio, M. Kobayashi, G. Caire and G. Colavolpe, "On the Effectiveness of OTFS for Joint Radar Parameter Estimation and Communication," in IEEE Transactions on Wireless Communications, vol. 19, no. 9, pp. 5951-5965, Sept. 2020, doi: 10.1109/TWC.2020.2998583.

Prerequisites

- Joint Radar Communications.
- Knowledge of Multicarrier Scenarios.

Advisors

Lorenzo Zaniboni