Bachelor's Thesis

Implementation and evaluation of radio resource scheduling algorithms

The goals of this bachelor’s thesis are:

- Implement a Round-Robin (RR) scheduler

- Implement Maximum Carrier to Interference ratio (Max C/I) scheduler

- Implement Proportional Fair (PF) scheduler

- Evaluate their performance based on the target parameters

- Create a basic GUI for easier evaluation and visualization

Advisors

Alba Jano, Anna Prado