

**Subject of the MsC Dissertation:**

Controlled Audio Valve Amplifier

**Team:**

Student: Tiago José da Silva Campos

Supervisor: Vítor Manuel Grade Tavares

Co-supervisor: Ricardo Ivo Rainha Dias Faro de Carvalho

**Accomplishments:**

- A meeting between the Student, Supervisor and Co-Supervisor took place in February the 23<sup>rd</sup>, in order to discuss the component choice situation;
- A list with different devices and their specifications was made to help in the choice of components;
- Some computer-aided design applications were tried in order to decide which one was the best to use for simulation purposes;
- Since the valves are not yet available, the student opted for using some existent SPICE models, found in a website. They seem to be very faithful to the datasheets, however, models will be developed further based on experimental data.