

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 March the 23rd, in order to discuss the pre-amplifier topology that best satisfies all the needs.
- After several simulations of different topologies, the μ -follower was chosen, because of its relatively high gain, low output impedance, low impact on THD and also a great PSRR;
- The available budget for the implementation of the amplifier was acknowledged, opening the path for starting ordering components.