ACTIVITY INSTRUCTIONS

OBJECTIVES:

- To learn to design different electronic subsystem for a dose reader based on RADFET.
- This set of activities are based on Circuit schematic of Figure 3 of our paper, but they are general enough for this kind of electronic system.
- To get feedback from supervisors.

DOCUMENTATION:

- Information of free of charge circuit simulator TINA-TI v9. At any rate, any other circuit simulator can be used.
- Two activity scripts.

PROCEDURE:

- Download any free-of charge circuit simulator and its manual:
  - TINA-TI: https://www.ti.com/tool/TINA-TI
  - PSpice-TI: https://www.ti.com/tool/PSPICE-FOR-TI
  - LTSpice: https://www.analog.com/en/design-center/design-tools-and-calculators/ltspice-simulator.html

- Read carefully the instructions and the scripts and carry out what is required.
- Write a brief report on each activity (including main simulation and experimental results) and email them to Alberto J. Palma (ajpalma@ugr.es) or Miguel A. Carvajal (carvajal@ugr.es)
- Do not hesitate to contact me if any support is needed.