

# ETTA Conference Limerick.



Friday 13<sup>th</sup> Saturday 14<sup>th</sup> November 2009

## Interactive Control in Engineering Projects

### 5<sup>th</sup> Year Leaving Certificate Design Brief:

Design a model Electric Hand Dryer suitable for use in an Engineering Room.

- The dryer should activate automatically when a person places their hand near the air flow and automatically switch off after a set period of time.
- Visual indicators are required to indicate that the unit is operational or in standby mode.
- The design should include a means of visually inspecting any electronics or mechanisms used.
- The model must operate on a voltage supply of 9V or lower and must not exceed 300 mm x 300 mm in size.

