# Algorithm design for MAPS clustering

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## Progress so far:

- Learnt how to use MARLIN (v09-04) for LCIO analysis.
- Examined MarlinReco (v00-02) source.
- Added processors to find the energy deposited per layer, and cluster energies.
- Used generated events from Yoshi Mikami (default geometry).
- Experimented with MAPS geometry in existing MarlinReco processors.

### Current work:

- Installed PandoraPFA from Mark Thomson.
- Comparing algorithm output from Cluster Cheater, Trackwise Clustering (both combined with wolf) and PandoraPFA, using 20GeV and 160GeV electrons.

#### Future work:

- Develop a processor to determine an algorithm's efficiency and purity.
- Use MC information from SimCalorimeterHit's.
- Apply to MAPS geometry.