

**Below is a brief summary of the first Machine Learning brainstorming meeting:**

- Marc gave the first presentation on some of the work that is presently done within the AC group and highlighted areas where ML can be used to improve upon current methodologies.
- Omar provided an overview of ML and its applied usage within areas relevant to CP group
- Oriol highlighted the need to assess the overall “value” of using ML -
  - increased accuracy from models using ML algorithm vs.
  - increased scientific understanding of the underlying physical processes.

**Agenda for next meeting to continue brainstorming with a more focused outcome on:**

- identifying/discussing areas of application relevant/complementary to BSC Earth Sciences researches
- building guidelines that will help us
  - organize and prioritize our agendas,
  - determine next steps and
  - keep us in track