

# Azores breakout synthesis

- First ARM deployment to a marine low cloud environment
  - 20 months sampling revealing tremendous variability in clouds and associated thermodynamic environment, precipitation and aerosols.
  - Initial cloud classification completed
  - New drizzle retrievals
- New investigators
  - Several new teams have started, or are about to commence on analysis
- Model simulations
  - Dedicated forecast model simulations from NCAR and GFDL
- Graciosa chosen for next ARM fixed site
  - Suite of new measurements including precipitation radar, lidars (HSRL and Doppler), scanning Ka band radar, vertically pointing dual wavelength (W/Ka)