

# IOP setup 26 April 2017

The setup for the IOP phase continued. The NCAS folks spent most of the day testing and diagnosing the profiler with the assistance of the manufacturer (Degreane in France) via phone. All electronics signals up until the final transmitter amplifier seemed to be fine, but the amp wasn't transmitting. There is also some problem with an air conditioner on the profiler. Finally this evening the profiler started working again, although since the evening was cool, it is not yet clear if there's a temperature control problem.

Helium was delivered to the sounding site this afternoon. There was a long delay due to lengthy discussions with the driver about whether his oversized truck could get to the site and other access and logistical matters. In spite of Air Liquide assurances, the Helium fittings are not compatible with our fittings however IPMA has offered to lend us their regulators on Friday. Unfortunately the office trailer for the sounding site did not arrive and is now rescheduled for next Tuesday. We have arranged for a rental van to use as a sounding base in the meantime and we should be able to pick that up on Friday. There is also uncertainty about power at the site, since 4 lidars (NCAR water vapor DIAL, two Cornell wind lidars and a U. Notre Dame lidar) have been placed at the site (instead of the the two expected) so the power draw is close to the limits of the switch board there.

