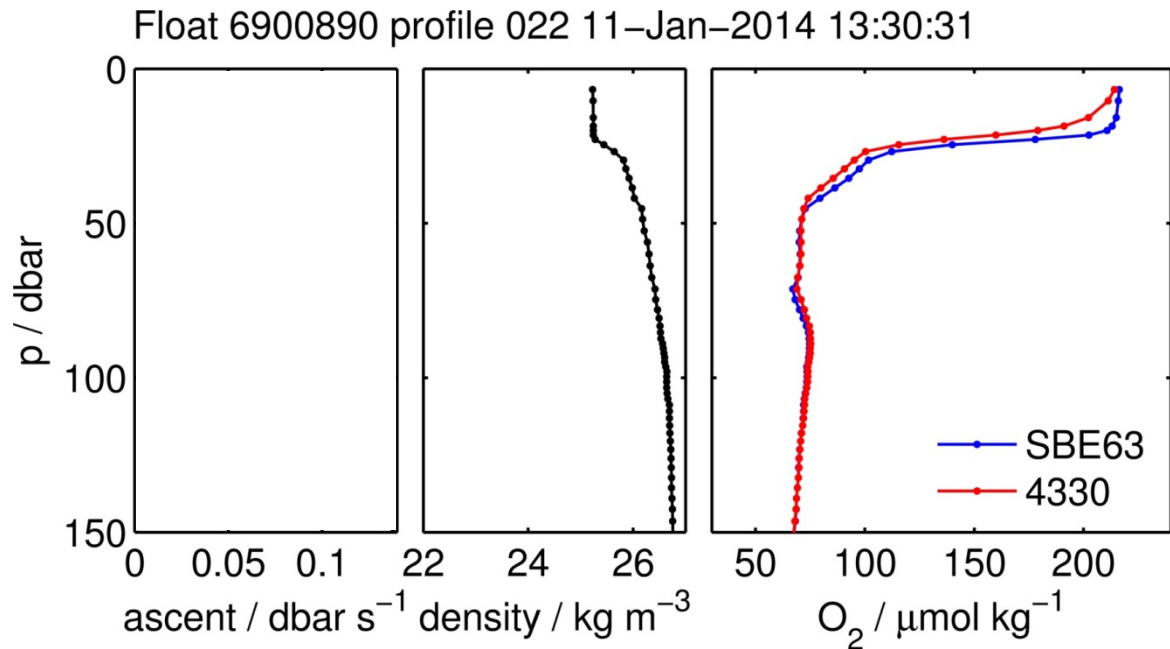
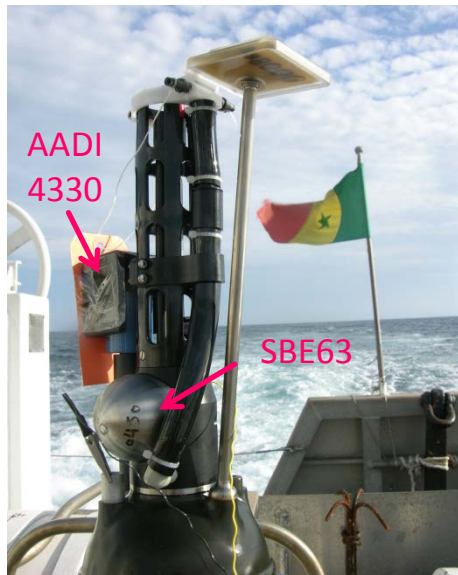


Use of timing information: O₂ example

Two sensors on same float:

- SBE63 optode: pumped (i.e., “fast”)
- 4330 optode: unpumped (i.e., “slow”)

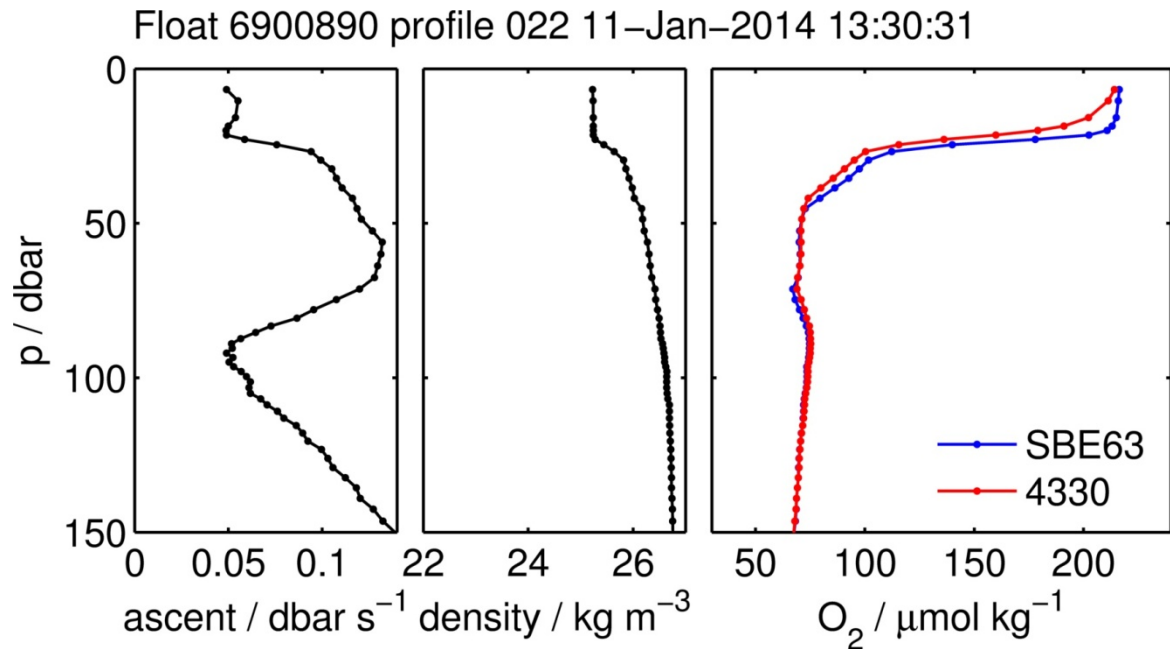
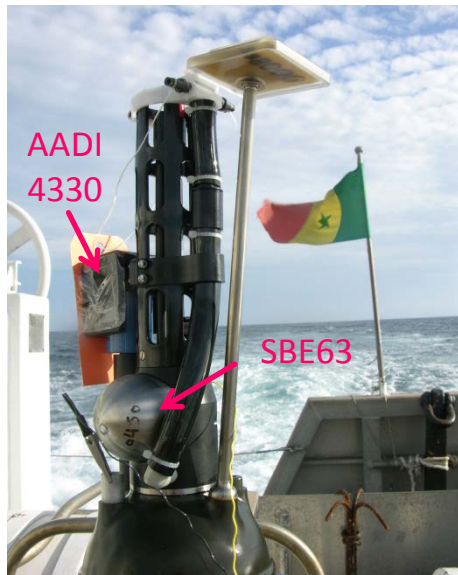


Where does changing difference between optodes come from?

Use of timing information: O₂ example

Two sensors on same float:

- SBE63 optode: pumped (i.e., “fast”)
- 4330 optode: unpumped (i.e., “slow”)



Where does changing difference between optodes come from?

Ascent speed → significant slowdown in pycnocline → gives unpumped optode time to adjust