BBP QC

Delayed Mode
• Databases remain to be developed

**bb DM QC: Comparison with databases of reference**
Input data
• Remote sensing product (b_{bp}, Chla)
• Argo TS
• Time of the year

Output
• Retrieval of the vertical profile of b_{bp}

Note the Argo data serve as input while the Bio-Argo data are only used for training and validating the neural network.
Performance of the $b_{bp}$ profile retrieval
Performance of the $b_{bp}$ profile retrieval
Measuring the black during float qualification in the pool
Measuring the black during float qualification in the pool

bbp
Time series analysis: deep monitoring and correction

Monitoring at depth is important (not necessarily stable as expected for Chla)

bbp [m$^{-1}$]
$b_b$ DM QC: comparison with satellite data

Boss et al., 2008
b DM QC: comparison with satellite data
b\_b DM QC: comparison with satellite data
b_{b~DM} QC: comparison with satellite data