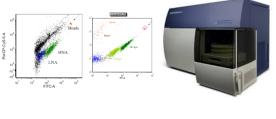
Field work Sample collection Glass fiber filter DOC $_{ m DIN}$ Chla 5 **Epipelagic** 20 40 50 60 80 100 200 300 Mesopelagic 400 450 500 550 600 700

Flow cytometer (FC)



Lab work

Total organic carbon analyzer for dissolved organic carbon (DOC)



Filtration manifold for fractionated chlorophyll *a* (Chl*a*)



Segmented Flow Analyzer for inorganic nutrients

for inorganic nutrients
(DIN)