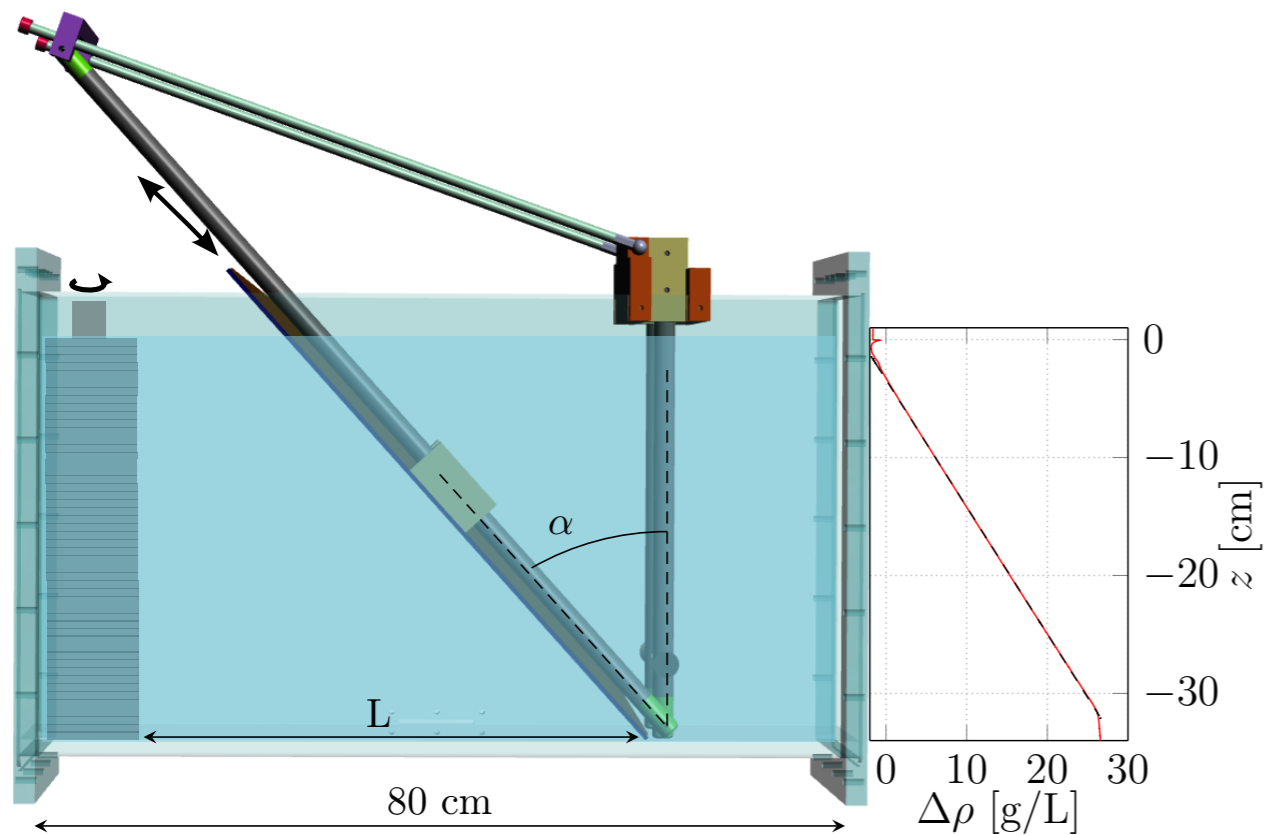


Energy cascade in internal wave attractors

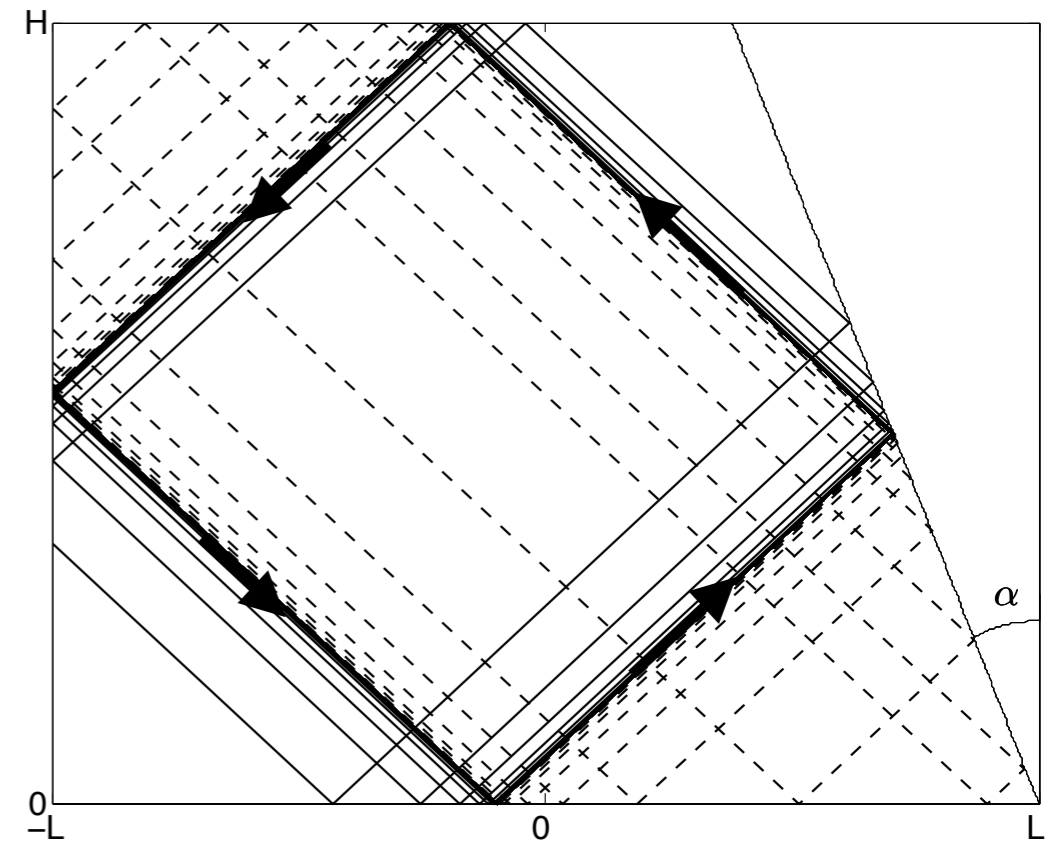
Christophe Brouzet, Evgeny Ermanyuk, Sylvain Joubaud, Thierry Dauxois

Oceans : stratified in density => presence of internal waves

Laboratory experiment: trapezoidal tank



Internal wave « **billiard** »:



Wave focussing: possible non-linear effects !

Energy cascade in internal wave attractors

Christophe Brouzet, Evgeny Ermanyuk, Sylvain Joubaud, Thierry Dauxois

Observation: internal wave **attractor**

Non-linear effects:
development of an **instability**

