

RECIRCULATION SYSTEMS AND THEIR APPLICATION IN AQUACULTURE
October 24 – 28 Sète (France)

	Monday	Tuesday	Wednesday	Thursday	Friday
8:30-9:30	Introduction JP Blancheton Ifremer	Soluble and particulate matter quantifications E Eding WU	Basics of gas transfer and oxygenation/degassing R. Piedrahita	Low energy RAS P B Pedersen DTU	Mini industry seminar with industry partners: JM Moulin LPDS (hatchery and pregrowing) P. Cacot LPDS (new species and systems Aqualand group R&D) J Bosmans IDEE (Engineering company)
9:30 – 10:30	Water quality and fish requirements / accumulating substances V Mota (Nofima)	Suspended solids characterization and control / removal R. Piedrahita	Biofiltration and bacterial environment O. Vadstein NTNU	Energy control in RAS design P B Pedersen DTU	
Coffee break					
10:45 – 11:45	Water quality optimisation using ORP J. Bosmans IDEE	Small solid removal processes B Barrut Coldep	Bacterial control and bio- security K. Attramadal NTNU	Waste treatment and valorization L Labbé INRA	Mini industry seminar continued B. Barrut COLDEP Other to be confirmed
11:45 – 12:45	Fish, consumptions and productions: nutrient balance and model E Eding WU	Mass balance basics / nitrification kinetics JP Blancheton Ifremer	Low energy RAS P Cacot LPDS	Environmental impact, IMTA and risk ass. M Callier Ifremer	
Lunch break					
14:15 – 17:45	Visit: Palavas	Design exercises	Design exercises	Visit: RAS farms	FREE