

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 PB. Pedersen DTU	Mini 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 PB. 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. Attramadad NTNU	Waste treatment and valorization V. Dumas / L. Labbé INRA	Mini seminar continued B. Barrut, C. Narvarez COLDEP G. Dewavrin AQUABIOTOP 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