

Thursday 29 September		Friday 30 September	
8.30-9.00	Registration and coffee		
9.00-9.15	Welcome and Phycomorph introduction : Bénédicte Charrier (Chair), Rafael Robaina (Vice-Chair), Alexandros Charalambides & Olympia Nisiforou (Local organisers)		
9.15-13.00	WG 4 : Technological progress FOR and BY Phycomorphers. Chaired by Rita Araujo & Christos Katsaros	9.15-12.30	WG2 : Reproduction & Early developmental stages Chaired by Thomas Wichard
9.15-10.55	Talks Stefan Rensing (Univ Marburg, DE) : Comparative genomics of algae and land plants: about the evolution of transcriptional regulation and complexity (25+5min) Keynote speaker : John Day (SAMS, U-K) : Cryopreservation of macroalgae (25+5min) Aschwin Engelen (CCMAR PT) : NGS metagenomics to study the interaction bacteria-seaweeds (20 + 5min) Susan Holdt (DTU, DK) : Update on aquaculture techniques (ISS conference 2016) (10 + 5min)	9.15-10.45	Talks Keynote speaker : Matthew Herron (Georgia Institute of Technology USA) : Development and evolution of <i>Volvox</i> and related algae (25 +5min) Kenny Bogaert (Univ Gent, BE) : Embryogenesis in Dictyota: two-phased cell polarisation and developmental plasticity (25+5min) Bénédicte Charrier (CNRS Roscoff, FR) : Physics of Tip growth in <i>Ectocarpus</i> filament (25+5min)
10.55-11.25	Coffee break + Poster viewing	10.45-11.15	Coffee break + Poster viewing
11.25-13.00	Talks Keynote speaker : Zoe Popper (NUI-Galway ; IE) : Algal cell walls: identifying, imaging and localising compositional diversity. (25+5min) Alexander Goldberg (Tel Aviv Univ, IL) : Macroalgae carbohydrates profiling using near infrared spectroscopy. (20 +5min) John Bothwell (Univ Durham, U-K) : The genome of <i>Ulva mutabilis</i> , or what green seaweed genomes can tell us about their morphogenesis (20 + 5min) STSM reports Yacine Badis (SAMS, U-K) : CRISPR technology in brown algae (10+5min)	11.15-12.45	Talks Siobhan Braybrook (Univ Cambridge , U-K) : Assessing growth and division in brown algae (25+5min) Bertrand Jacquemin (SBR, Roscoff, FR) : The effect of genetic distances between parents on the reproductive success in the kelp <i>Saccharina latissima</i> (20 + 5min) Annalisa Falace (Univ Trieste, IT) : Restoration of <i>Cystoseira amantacea</i> var <i>stricta</i> population in the Ligurian Sea (15 + 5min) STSM reports Mark Polikovskiy (Tel-Aviv Univ, IL) : Preparing axenic <i>Ulva</i> spp. and bacterial isolation and cultivation (10+5min)
13.00-14.30	Lunch Free	12.45-14.15	Lunch Free
14.30-18.00	WG1 : Fertility Chaired by Susan Holdt	14.15-17.45	WG3 : Towards adult growth & exploitation Chaired by Fabio Rindi
14.30-16.00	Talks Michael Roleda (NIBIO, NO) : Brown seaweed fertility (25 + 5min) Rafael R. Robaina (Univ Gran Canaria, ES) : DNA Motifs associated with differential expression of GiODC gene ruding carposporogenesis (25+5min). STSM reports Neusa Martins (CCMAR, PT) : Optimization of gametophyte culture to study transcriptional network involved in gametogenesis (10 + 5min) Xiaojie Liu (Gent Univ, BE) : RNASeq of gametogenesis (10+5min)	14.15-15.45	Talks Keynote speaker : Chuck Delwiche (Univ Maryland, USA) : Transcriptomic evidence for the relationship between green algal and plant development (25+5min) Keynote speaker : Miltos Tsiantis (MPI Cologne, DE) : Title to come (Tissue patterning in plants) (25+5min) Thomas Wichard (Univ Jena, DE) : The Sea Lettuce <i>Ulva</i> only gets in shape with the right bacteria: A perspective on the next steps in developing a model organism to understand morphogenesis (25+5min)
16.00-16.30	Coffee break + Poster viewing	15.45-16.15	Coffee break + Poster viewing
16.30-18.00	Workshop Topic presentation : Rita Araujo (Organiser) « Towards getting reproductive and morphological functional traits in European brown algal natural populations » Keynote speaker : Ester Serrao (CCMAR, PT) : Brown seaweed population genetics and distribution in Europe (30min) Discussion with the participation of : Scott Bennett (Mediterranean Institute for Advanced Studies, ES)	16.15-17.45	Talks Florian Weinberger (GEOMAR, DE) : The morphogenetic model organism <i>Ulva mutabilis</i> : a dominating species in Baltic Sea and Wadden Sea (20 +5min) Olympia Nisiforou (Cyprus Univ Techn, CY) : Experimental response of <i>Cladophora</i> sp. and <i>Gracilariopsis longissima</i> to different stressors (20 +5min) Sotiris Orfanidis (Fisheries Research Institute, EL) : Inter and intraspecific variation in growth and reproduction of the genus <i>Cystoseira</i> " (20 + 5min) STSM report Fatemeh Ghaderiardakani (Birmingham Univ, U-K) : Optimization of <i>Ulva</i> sp. cultivation techniques: (REMOTE TALK) (10 +5min)
20.00	Dinner	17.45-18.00	Closure B. Charrier, R. Robaina + WG leaders : Summary + future events/activities
		20.00	Wine tasting + Dinner