PROGRAMME

Themes:

Natural & anthropogenic impacts
Structuring processes
Species distribution patterns

SCHEDULE OVERVIEW

(Note this is available, with abstracts, on the ITRS app – click *here* to download on your phone)

Start time	Monday, 7th			Tuesday, 8th			Wednesday,9th			Thursday, 10th		
08:30	Registration											
09:00				Registration			Registration			Registration		
09:30				House keeping			House keeping			House keeping		
09:40	Welcoming ceremony			Plenary – **Christopher Harley**			Plenary – **Christopher McQuaid**			Plenary – **Lisandro Benedetti-Cecchi**		
10:30	Coffee break			Marzinelli E	Dong Y	Boaventura D	Bellerby R	Helmuth B	Adams L	Wood G	Holmes L	Myers E
10:50				Mieszkowska N	Dytnerski J	Rinde E	Dal Bello M	Lima F	Coleman R	Turnbull J	Dafforn K	Caselle J
11:10	Plenary – **Emma Johnston**			Coffee break			Coffee break			Coffee break		
11:40				Chan S	Smale D	Kumagai N	O'Shaughnessy K	Wangkulangkul K	Bell S	Okamoto D	Cornwall C	Pessarrodona A
12:00	Wernberg T	Bertolini C	Coleman M	Heery E	Kim J	Voerman S	Cruz T	Rilov G	Shelamoff V	Kotta J	Christofoletti R	Oróstica M
12:20	Hansen C	Curd A	Giacoletti A	Crowe T	Steinberg R	Mulders Y	Evans A	Seabra R	Harvey B	Vergés A	Reed D	Franco J
12:40	Lunch			Lunch			Lunch			Lunch		
13:00				Workshop – **Laura Falkenberg**								
14:00	Knights A	de Bettignies F	Pansch C	Martinez A	Anderson M	Amstutz A	Turnbull J	Karythis S	Wei J	Suzuki H	Miller R	
14:20	Clark G	Aoki M	Schiel D	Ito K	Bulleri F	Bué M	Hansen C	Zarco-Perello S	Moore P	Norderhaug K	Jones A	
14:40	Hawkins S	Dubois S	Thomsen M	Rindi L	Davoult D	Firth L	Sheehan E	Petraitis P	Lam V	Iveša L	Ling S	
15:00	Bekkby T	Layton C	Maggi E	Mayer-Pinto M	Chapman G	Coleman M	Hemraj D	Molis M	Yiu S	Xie J	Yang H	
15:20	Coffee break			Coffee break			Coffee break			Coffee break		
15:50	Todd P	Filbee-Dexter K	Eger A	Epstein G	Babuder M	Lau S	Griffin K	Lewis P	Crickenberger S	Closing ceremony – **Gray A. Williams, Bayden Russell, Craig Johnson**		
16:10	Taira D	Johnson C	Caie P	Ma K	Cheung R	Wang J	Hsiung A	Minuti J	Giraldo Ospina A			
16:30	Brooks P	Dudgeon S	Kim M	Liversage K	Verde A	Hui T	Loke L	D'Urban Jackson T	Gerrity S	Closing remarks – **David Schiel**		
16:50	Bridger D	O'Connor N	Garza C	Plenary – **Tony Underwood**			Poster session			Conference Banquet (Bus leaving at **18:00**)		
17:15	Hong Kong survival guide – **Gray A. Williams**			International evening								

SCHEDULE ON MONDAY, 7TH JAN 2019

TIME	PROGRAMME		
08:30 – 09:40	**Registration**		
09:40 – 10:30	**Welcoming ceremony** **Prof. Matthew R. Evans** Dean of Faculty of Science, The University of Hong Kong **Prof. Gray A. Williams** Director, SWIMS **Conference photograph**		
10:30 – 11:10	**Coffee break**		
11:10 – 11:55	**Plenary** Chaired by Bayden Russell | MWT2 **Emma Johnston** The great speeding up: the four main mechanisms by which humans are speeding up the ecology of marine systems		
	Anthropogenic & natural disturbances Chaired by Scott Ling MWT3	**Environmental variability & ecophysiology** Chaired by Marti Anderson MWT4	**Extreme events** Chaired by Ashley Hemraj MWT5
12:00 – 12:20	**Wernberg T (AN1)** Globally declining kelp forests and the rise of turfs	**Bertolini C (EV1)** Putting self-organisation to the test: a labyrinth is an optimal solution for persistence of mussel beds	**Coleman M (EE1)** Cryptic loss of genetic diversity and directional selection in marine forests following an extreme climatic event
12:20 – 12:40	**Hansen C (AN2)** Understorey communities are resilient to temporary kelp loss across a turbidity gradient	**Curd A (EV2)** Large-scale patterns in the reproductive characteristics of the honeycomb worm *Sabellaria alveolata*	**Giacoletti A (EE2)** Combined heatwave and hypoxia events affect metabolic response and mortality of the Lessepsian bivalve *Brachidontes pharaonis*
12:40 – 14:00	**Lunch**		
	Anthropogenic & natural disturbances Chaired by Nova Mieszkowska MWT3	**Community ecology** Chaired by Nessa O'Connor MWT4	**Extreme events** Chaired by Thomas Wernberg MWT5
14:00 – 14:20	**Knights A (AN3)** Removal of intertidal grazers by human harvesting leads to change in community composition and algal resilience to pulse perturbations	**de Bettignies F (CE1)** Degradation dynamics processes and macrofauna community succession within drift kelp accumulations: an *in-situ* experimental approach	**Pansch C (EE3)** Experimental assessments on the impacts of extreme events on benthic marine predators

SCHEDULE ON MONDAY, 7TH JAN 2019

TIME	PROGRAMME		
14:20 – 14:40	**Clark G (AN4)** First large-scale ecological impact study of desalination outfall reveals trade-offs in effects of hypersalinity and hydrodynamics	**Aoki M (CE2)** Exclusion experiments to show the impact of grazing by the snail *Omphalius rusticus* on a subtidal rocky reef community	**Schiel D (EE4)** Cataclysmic tipping points in a coastal marine environment following a massive earthquake
14:40 – 15:00	**Hawkins S (AN5)** Recovery from *the Torrey Canyon* oil spill and subsequent fluctuations of limpet populations and fucoid cover from 1967 to 2018	**Dubois S (CE3)** On the structural and functional diversity of honeycomb worm reef associated macrofauna across a European latitudinal gradient	**Thomsen M (EE5)** A double whammy of seismic uplift and a marine heatwave thrashed iconic intertidal foundation species (*Durvillaea* spp.; 'bull kelp') along the South Island of New Zealand
15:00 – 15:20	**Bekkby T (AN6)** Sea urchin grazing of kelp forests in the Arctic and the impact on the recovery of rocky shore communities after oil spills	**Layton C (CE4)** Chemical microenvironments within macroalgal assemblages: implications for the inhibition of kelp recruitment by turf algae	**Maggi E (EE6)** Temperature extremes and propagation of disturbance on rocky shores
15:20 – 15:50	**Coffee break**		
	Artificial structure & urban ecology Chaired by Gee Chapman MWT3	**Community ecology** Chaired by Christopher Cornwall MWT4	**Food webs & predator-prey interactions** Chaired by Peter Petraitis MWT5
15:50 – 16:10	**Todd P (AU1)** Marine urbanization in Singapore: patterns, processes, and predictions	**Filbee-Dexter K (CE5)** The fate of detritus in high latitude kelp forests	**Eger A (FP1)** Trophic cascades in benthic marine ecosystems: a meta-analysis of experimental and observational research
16:10 – 16:30	**Taira D (AU2)** Eco-engineering coastal defence structures may increase fish diversity in an urbanised shoreline	**Johnson C (CE6)** Seaweed productivity increases with diversity	**Caie P (FP2)** Patterns of selective predation change with ontogeny but not density in a marine fish
16:30 – 16:50	**Brooks P (AU3)** Improving the 'grey' by reflecting the 'green' – improving our understanding to facilitate ecologically-sensitive design of artificial structures in a changing climate	**Dudgeon S (CE7)** Mussels have disappeared but mortality rates haven't changed, implying a recruitment bottleneck	**Kim M (FP3)** Speed of food web complexity recovery of newly restored kelp beds using a stable isotope technique

SCHEDULE ON MONDAY, 7TH JAN 2019

TIME	PROGRAMME		
16:50 – 17:10	**Bridger D (AU4)**	**O'Connor N (CE8)**	**Garza C (FP4)**
	The effects of open ocean mussel farming on ecosystem services	The role of predators moderating multiple stressor effects on rocky shores	Climate-driven collapse of mussel beds (*Mytilus californianus*) in the Southern California Bight and the twilight of a keystone interaction
17:15 – 17:45	**Hong Kong Survival Guide | MWT2** **Gray A. Williams**		

SCHEDULE ON TUESDAY, 8TH JAN 2019

TIME	PROGRAMME		
09:00 – 09:30	**Registration**		
09:30 – 09:40	**House keeping**		
09:40 – 10:25	**Plenary** Chaired by Louise Firth | MWT2 **Christopher Harley** From keystone predation effects to global change, are we missing the forest for the trees?		
	Anthropogenic & natural disturbances Chaired by Emma Sheehan MWT3	**Environmental variability & ecophysiology** Chaired by Ronaldo Christofoletti MWT4	**Range shifts & population dynamics** Chaired by Richard Bellerby MWT5
10:30 – 10:50	**Marzinelli E (AN7)** Disturbance of microbiomes affects seaweed forests	**Dong Y (EV3)** Adaptations of intertidal molluscans to thermal stress: from phenotype to genotype in multiple spatiotemporal scales	**Boaventura D (RP1)** Climate change and citizen science actions with children: how valuable for monitoring species distribution on rocky shores?
10:50 – 11:10	**Mieszkowska N (AN8)** Microplastic filtration and consumption by commercial bivalve species and implications for human health	**Dytnerski J (EV4)** Variation in thermal performance across a biogeographic range, can the tropics compete?	**Rinde E (RP2)** Complex interactions between direct and indirect effects of ocean warming on recovery of kelp beds, Northern Norway
11:10 – 11:40	**Coffee break**		
	Artificial structure & urban ecology Chaired by Emma Sheehan MWT3	**Community ecology** Chaired by Ronaldo Christofoletti MWT4	**Range shifts & population dynamics** Chaired by Richard Bellerby MWT5
11:40 – 12:00	**Chan S (AU5)** First insights into the thermal ecology of Singapore's seawalls	**Smale D (CE9)** Climate-driven shifts in kelp forest structure: implications for productivity, biodiversity and resilience	**Kumagai N (RP3)** Ocean currents and herbivory drive macroalgae-to-coral community shift under climate warming
12:00 – 12:20	**Heery E (AU6)** Who's on top? Non-hierarchical epiphytic interaction networks among urban turf algae	**Kim J (CE10)** 30 years revisit survey for the long-term changes in the Antarctic subtidal algal community	**Voerman S (RP4)** Turf-forming algae benefit the recruitment success of a spreading, native alga

SCHEDULE ON TUESDAY, 8TH JAN 2019

TIME	PROGRAMME		
12:20 – 12:40	**Crowe T (AU7)** The influence of intrinsic properties and environmental context on differences between assemblages on artificial structures and natural shores	**Steinberg R (CE11)** Inflatable housing: how epiphytic fauna utilise a dynamic soft coral habitat	**Mulders Y (RP5)** Mobile invertebrate assemblages on temperate Western Australian subtidal reefs over a latitudinal gradient
12:40 – 14:00	**Lunch** **Workshop** 13:00 – 13:50 | MWT3 **Laura Falkenberg** How to be an effective peer reviewer		
	Anthropogenic & natural disturbances Chaired by Dan Reed MWT3	**Community ecology** Chaired by Tasman Crowe MWT4	**Biogeography** Chaired by Ross Coleman MWT5
14:00 – 14:20	**Martinez A (AN9)** Functional responses of filter feeders across variable anthropogenic stressors	**Anderson M (CE12)** A new pathway for analysing multivariate ecological count data using copulas	**Amstutz A (BG1)** How slope orientation in the rocky inter-tidal affects present and future biogeographical distributions in a warming world
14:20 – 14:40	**Ito K (AN10)** Post-tsunami recovery process of epifaunal assemblages on *Sargassum* seaweeds along the coast of Miyagi, Japan	**Bulleri F (CE13)** Facilitation by epiphytes expands the distribution of a habitat-forming macroalga and associated invertebrate assemblages	**Bué M (BG2)** Structure and density of kelp understory algal associated macroinvertebrate communities are likely to alter in a warmer, less complex ocean
14:40 – 15:00	**Rindi L (AN11)** Evaluating the performance of spatial early warning indicators of regime shift in macroalgal assemblages	**Davoult D (CE14)** Annual intertidal primary production investigated through mathematical modelling based on *in situ* measurements: a *Fucus serratus*-dominated community performs better during emersion	**Firth L (BG3)** The way that we went: biogeography and historical ecology of the ecosystem engineer *Sabellaria alveolata* in Ireland

SCHEDULE ON TUESDAY, 8TH JAN 2019

TIME	PROGRAMME		
15:00 – 15:20	**Mayer-Pinto M (AN12)** Effects of anthropogenic stressors on habitat-forming species and implications for ecosystem functioning	**Chapman G (CE15)** Using measures of the numbers and types of species and their distributions to compare the ecological value of different sites	**Coleman M (BG4)** Celibate kelps: consequences of prolific asexual reproduction revealed using genetics and genomics
15:20 – 15:50	**Coffee break**		
	Invasion biology Chaired by Antony Knights MWT3	**Environmental variability & ecophysiology** Chaired by Dominique Davoult MWT4	**Environmental variability & ecophysiology, Acclimation & adaptation** Chaired by Brian Helmuth MWT5
15:50 – 16:10	**Epstein G (IB1)** Assessing the ecological impact and management feasibility of the global marine invader *Undaria pinnatifida* ('Wakame')	**Babuder M (EV5)** Turbidity effects on the depth distribution and productivity of habitat-forming seaweeds	**Lau S (EV6)** Coping with extremes and variability: survival strategies of rocky shore littorinids
16:10 – 16:30	**Ma K (IB2)** Optimal spatial scale of monitoring for marine invertebrates and its implications for early detection of invasive species	**Cheung R (EV7)** Interactive effects of seasonal temperature and irradiance on the photophysiology of a habitat-forming seaweed in Hong Kong	**Wang J (AA1)** Evolutionary adaption of an intertidal snail *Echinolittorina malaccana* to increasing thermal stress in the face of climate change
16:30 – 16:50	**Liversage K (IB3)** Do invasive bivalves produce different shellbed habitat to native ones? Experiments comparing epibiotic colonisation and shell decay rates	**Verde A (EV8)** The photobiology of symbiotic *Anthopleura elegantissima* (Brandt): effects of symbiotic algae, anemone size, and season	**Hui T (EV9)** Metabolic depression as a key mechanism to survive high on the shore
16:55 – 17:40	**Plenary** Chaired by Steve Hawkins | MWT2 **Tony Underwood** Ecological experimentation, hypothesis-testing, P-values and issues about rational thought		

SCHEDULE ON WEDNESDAY, 9TH JAN 2019

TIME	PROGRAMME		
09:00 – 09:30	**Registration**		
09:30 – 09:40	**House keeping**		
09:40 – 10:25	**Plenary** Chaired by Gray A. Williams | MWT2 **Christopher McQuaid** Lawless ecology: pattern, process and prediction in marine ecosystems		
	Anthropogenic & natural disturbances Chaired by Pippa Moore MWT3	**Environmental variability & ecophysiology** Chaired by Tommy Hui MWT4	**Behavioural processes** Chaired by Diana Boaventura MWT5
10:30 – 10:50	**Bellerby R (AN13)** Norwegian kelp ecosystems: past variability, present trends and future projections under climate change, ocean acidification and deliberate predator harvesting	**Helmuth B (EV10)** Topographic complexity and rescue effects in rocky intertidal ecosystems: what drives vulnerability of intertidal organisms to climate change?	**Adams L (BP1)** Using long-term time-series to establish the relative influences of environmental drivers and biotic interactions in intertidal species
10:50 – 11:10	**Dal Bello M (AN14)** Temporal clustering of extreme climate events drives a regime shift in rocky intertidal biofilms	**Lima F (EV11)** WE-LOG: a collaborative global network of coastal temperature sensors	**Coleman R (BP2)** Limpets in the rough: manipulating habitat topography to understand animal orientation decisions
11:10 – 11:40	**Coffee break**		
	Artificial structure & urban ecology Chaired by Pippa Moore MWT3	**Environmental variability & ecophysiology** Chaired by Tommy Hui MWT4	**Community ecology** Chaired by Diana Boaventura MWT5
11:40 – 12:00	**O'Shaughnessy K (AU8)** Eco-engineering of coastal infrastructure in the intertidal and subtidal: effects on biodiversity	**Wangkulangkul K (EV12)** Influence of Indochina monsoon system on dynamics of coastal marine populations: a mini-review and future study	**Bell S (CE16)** Climate-mediated threats to temperate reef resilience: quantifying mechanisms that limit kelp forest recovery
12:00 – 12:20	**Cruz T (AU9)** Recruitment of the stalked barnacle *Pollicipes pollicipes* to an artificial substratum ("barticle") and transfer to a cultivation platform: successes and pitfalls	**Rilov G (EV13)** Shifts in ecosystem functions: rapid tropicalization transforms Levant reefs from net autotrophic to net heterotrophic	**Shelamoff V (CE17)** Ecosystem influences of kelp patchiness reverberate through the community

SCHEDULE ON WEDNESDAY, 9TH JAN 2019

TIME	PROGRAMME		
12:20 – 12:40	**Evans A (AU10)** From ocean sprawl to blue-green infrastructure – how much evidence is enough?	**Seabra R (EV14)** Reduced nearshore warming associated with Eastern Boundary Upwelling Systems	**Harvey B (CE18)** Turf algae dominance under ocean acidification - are positive feedback mechanisms locking this degraded system in place?
12:40 – 14:00	**Lunch**		
	Anthropogenic & natural disturbances Chaired by Daniel Okamoto MWT3	**Food web & predator-prey interactions** Chaired by Steve Dudgeon MWT4	**Biogeography** Chaired by Dan Smale MWT5
14:00 – 14:20	**Turnbull J (AN15)** Effective local protection from fishing disturbance depends on ecological and human factors	**Karythis S (FP5)** Can prey ever escape the influence of a predator? The persistence of the indirect effects of predation	**Wei J (BG5)** *Sargassum* beds in South China Sea as potential nursery of a temperate deep sea Gnomefish, *Scombrops boops* (Perciformes: Scombropidae)
14:20 – 14:40	**Hansen C (AN16)** Twenty years of experimental sea cucumber fishing in British Columbia, Canada: implications for sustainable fisheries	**Zarco-Perello S (FP6)** Winter-brake: cold temperatures freeze consumption of temperate habitat-forming seaweed by tropical herbivores	**Moore P (BG6)** NE Atlantic kelp forest carbon assimilation and transfer is diminished under a warmer ocean climate
14:40 – 15:00	**Sheehan E (AN17)** Using acoustic telemetry to measure the effectiveness of spatial management for European Seabass (*Dicentrarchus labrax*) and commercially fished crustaceans	**Petraitis P (FP7)** Do dogwhelks (*Nucella lapillus*) no longer see mussels (*Mytilus edulis*) as prey?	**Lam V (BG7)** Biodiversity and toxicity of benthic dinoflagellates in a subtropical reef ecosystem: the first comprehensive study in Hong Kong
15:00 – 15:20	**Hemraj D (AN18)** Shift in ecosystem functioning: anthropogenic influences in a temperate coastal lagoon	**Molis M (FP8)** Predator feeding mode and prey (*Mytilus edulis*) size modulate magnitude of predation risk effects	**Yiu S (BG8)** Spatial and temporal variations of marine toxic benthic dinoflagellates in a subtropical reef ecosystem in Hong Kong
15:20 – 15:50	**Coffee break**		

SCHEDULE ON WEDNESDAY, 9TH JAN 2019

TIME	PROGRAMME		
	Artificial structure & urban ecology Chaired by Fabio Bulleri MWT3	**Environmental variability & ecophysiology, Acclimation & adaptation** Chaired by Fernando Lima MWT4	**Early life histories & dispersal processes** Chaired by Gil Rilov MWT5
15:50 – 16:10	**Griffin K (AU11)** Associations between reef habitat and human recreational activities in an urbanised harbor	**Lewis P (EV15)** The blue carbon potential of NE Atlantic canopy forming algae based on their chemical composition	**Crickenberger S (ED1)** Annual temperature variation as a time machine to understand the effects of long-term climate change on a poleward range shift
16:10 – 16:30	**Hsiung A (AU12)** Does low pH concrete support greater biodiversity on artificial structures?	**Minuti J (AA2)** Resistance of subtidal reefs to change under future conditions: the role of benthic grazers	**Giraldo Ospina A (ED2)** Are deep kelp beds a source of propagules for their shallow counterparts?
16:30 – 16:50	**Loke L (AU13)** Unimodal effects of habitat fragmentation on biodiversity in an experimental intertidal community	**D'Urban Jackson T (EV16)** High-resolution remote sensing enables new approaches in marine ecology	**Gerrity S (ED3)** Assessing the recovery of juvenile black-footed abalone (*Haliotis iris* or pāua) and habitat, and developing restoration plans following earthquake uplift of the coast of southern New Zealand
16:55 – 18:30	**Poster session** CYMCC Exhibition Area		

SCHEDULE ON THURSDAY, 10TH JAN 2019

TIME	PROGRAMME		
09:00 – 09:30	**Registration**		
09:30 – 09:40	**House keeping**		
09:40 – 10:25	**Plenary** Chaired by Yunwei Dong | MWT2 **Lisandro Benedetti-Cecchi** Ecological experiments in the era of macroecology and big-data		
	Conservation & restoration Chaired by Peter Todd MWT3	**Artificial structure & urban ecology** Chaired by Laura Falkenberg MWT4	**Acclimation & adaptation, Range shifts & population dynamics** Chaired by Sam Crickenberger MWT5
10:30 – 10:50	**Wood G (CR1)** Considering donor provenance in marine forest restoration	**Holmes L (AU14)** Development of epibenthic assemblages on artificial habitat associated with marine renewable infrastructure	**Myers E (AA3)** Broad-scale functional biodiversity of New Zealand's marine fishes versus depth
10:50 – 11:10	**Turnbull J (CR2)** Quantifying environmental stewardship reveals the interdependence between people, policy and temperate reef ecology	**Dafforn K (AU15)** Ecological responses to eco-engineering from micro- to macro- scales and consequences for ecosystem function	**Caselle J (RP6)** Fish community change in response to warming water across a biogeographic transition zone in southern California, USA
11:10 – 11:40	**Coffee break**		
	Conservation & restoration Chaired by Peter Todd MWT3	**Environmental variability & ecophysiology, Community ecology** Chaired by Laura Falkenberg MWT4	**Range shifts & population dynamics** Chaired by Sam Crickenberger MWT5
11:40 – 12:00	**Okamoto D (CR3)** An empirical model of productivity dynamics in *Nereocystis* estimated using integrated Bayesian models of growth and demography	**Cornwall C (EV17)** Seawater calcium carbonate saturation state does not control the calcification physiology of coralline algae and warm-temperate corals	**Pessarrodona A (RP7)** Can kelp forests maintain ecosystem function in a changing world?
12:00 – 12:20	**Kotta J (CR4)** Cleaning up regional seas using novel blue growth initiatives: a potential for mussel farming in the Baltic Sea region	**Christofoletti R (CE19)** The strength of ecological interactions and the environmental mediation at subtropical coastal ecosystems	**Oróstica M (RP8)** Abiotic modification of intra- and inter-specific competition between limpets in range-central and poleward-edge populations

SCHEDULE ON THURSDAY, 10TH JAN 2019

TIME	PROGRAMME		
12:20 – 12:40	**Vergés A (CR5)** Climate-mediated tropicalisation of temperate reefs: implications for ecosystem functions and management actions	**Reed D (CE20)** Loss of foundation species: disturbance frequency outweighs severity in structuring kelp forest communities	**Franco J (RP9)** Interannual variability of kelps and their consumers in Iberia
12:40 – 14:00	**Lunch**		
	Artificial structure & natural disturbances Chaired by Craig Johnson MWT3	**Community ecology, Range shifts & population dynamics** Chaired by Markus Molis MWT4	
14:00 – 14:20	**Suzuki H (AN19)** Effects of breakwater restoration work following the subsidence caused by the 2011 Earthquake on a kelp population	**Miller R (CE21)** Giant kelp, *Macrocystis pyrifera*, increases faunal diversity through physical engineering	
14:20 – 14:40	**Norderhaug K (AN20)** Effects of large-scale disturbances on community structure in kelp forests	**Jones A (CE22)** Linking multiple facets of biodiversity and ecosystem function in a coastal engineered habitat	
14:40 – 15:00	**Iveša L (AN21)** Recent decline of *Cystoseira* forests along the west Istrian Coast (northern Adriatic Sea) related to increased seawater temperature and benthic mucilage formation	**Ling S (RP10)** Population boom of a range-extender drives ongoing collapse of a temperate reef ecosystem	
15:00 – 15:20	**Xie J (AN22)** Observed coral bleaching and quick recovery in Hong Kong	**Yang H (RP11)** First report on the occurrence of the *Palythoa mutuki* (Haddon & Shackleton, 1891) (Anthozoa: Sphenopidae: Palythoa) in Jeju Island from Korea	

SCHEDULE ON THURSDAY, 10TH JAN 2019

TIME	PROGRAMME
15:20 – 15:50	**Coffee break**
15:50 – 17:00	**Closing ceremony** MWT2 **Gray A. Williams, Bayden Russell, Craig Johnson** **Closing remarks** MWT2 **David Schiel**
18:00	**Bus leaving at 6:00 PM for Conference Banquet**

POSTER PRESENTATION

SCHEDULE

(CYMCC Exhibition Area, Tuesday 8th to Thursday 10th)

Poster judging will be on Wednesday the 9th from 17:00 onwards – so presenters please stand by their posters (having first collected a refreshment of course!)

CODE	NAME	TITLE
P1	Cartwright A	Assessing the ecological effects of an experimental scallop ranching project in Torbay, South West UK
P2	Davies B	Acoustic Complexity Index to assess a partially protected area in the southwest of the UK
P3	Hesketh A	Juvenile Pacific oysters, *Magallana (=Crassostrea) gigas*, grown under variable high pCO_2 may outperform those under ambient or static high pCO_2
P4	Zha S	Exposure to TCDD hampers the host defense capability of a bivalve species, *Tegillarca granosa*
P5	Rong J	Ocean acidification impairs foraging behaviour by interfering with olfactory neural signal transduction in black sea bream, *Acanthopagrus schlegelii*
P6	Perkins M	Examining materials and biodiversity of artificial habitats to inform marine ecological engineering
P7	Rinde E	Urban underwater landscape and tidal gardens – is it possible to transform seafloor deserts in Oslo Harbour to underwater oasis?
P8	Yeo H	Movement ecology of intertidal gastropods on natural rocky shores and seawalls in Singapore
P9	Evans A	Ecostructure – promoting ecologically-sensitive design of artificial marine structures
P10	Franco J	Status of artificial reefs in the European Atlantic Area
P11	Jacinto D	Growth of juvenile stalked barnacles (*Pollicipes pollicipes*) on artificial substrata ("barticles") in different ecological conditions
P12	Jacinto D	Estimating abundance of the stalked barnacle *Pollicipes pollicipes*: photo-quadrats *vs* drone imagery
P13	Hartanto R	Effects of substrate material on the colonization of seawall enhancement units by tropical intertidal biota
P14	Eger A	Optimizing kelp restoration through synthesis and habitat suitability modelling
P15	Giacoletti A	Shallow lagoon habitats: a hotspot for the Lessepsian bivalve *Brachidontes pharaonis*? A mechanistic investigation

CODE	NAME	TITLE
P16	Shi W	Ocean acidification hampers sperm-egg collisions, gamete fusion, and generation of Ca^{2+} oscillations of blood clam, *Tegillarca granosa*
P17	Han Y	Effect of ocean acidification on the polyspermy of blood clam, *Tegillarca granosa*
P18	Curd A	Range far and wide: building a broad-scale long-term dataset of *Sabellaria alveolata* distribution and abundance
P19	Buasakaew N	A preliminary study to quantify quadrat size used for intertidal survey on tropical shores of Thailand
P20	Hong H	Annual gametogenesis of the oyster *Hyotissa hyotis* (Linnaeus 1758) and adductor muscle as an energy storage organ
P21	Lam V	The emerging threat of toxic dinoflagellates *Coolia* spp. under global warming
P22	Sangphueak S	Attachment strength of *Sargassum plagiophyllum* C. Agardh, 1824 varies in relation to thallus morphology and holdfast area
P23	Meneghesso C	Have 15 years of climatic changes altered the identity of the NE Atlantic intertidal communities?
P24A	Seabra M	Do hydrodynamic conditions affect survival, size and growth of the stalked-barnacle *Pollicipes pollicipes*?
P24B	Seabra M	Differentiable scratch marks made on wax discs by two coexisting congeneric intertidal limpets: radular teeth morphology and grazing intensity
P25	Choi F	Estimating body temperature and thermal performance at fine spatial and temporal scales
P26	Fernandes J	Ten years of monitoring recruitment of the stalked barnacle *Pollicipes pollicipes*: linking with environmental variability
P27	Birch W	Diversifying materials, thus offering greater habitat complexity to enhance biodiversity on Singapore's seawalls
P28	Konecny C	Coming in hot: community-level responses to changes in heat wave intensity and herbivore density
P29	Wong A	Living above the edge: the benefits of habitat selection and physiological adaptation to survival of an extreme high shore limpet
P30	Geoghegan K	Between a rock and a hot place – thermal tolerance, acclimation and thermoregulation of the rocky shore predator *Eriphia ferox*
P31	Lim J	Latent effects of ocean acidification stress on the phenotypic plasticity of a commercial oyster, *C. hongkongensis*
P32	Ganmanee M	Shell selection in a tropical hermit crab (*Clibanarius infraspinatus*) from Thailand