



Conference Program

Opening: Sunday 26th

17:00 – 19:00	Registration & ‘Ice-breaker’ at the Conference Venue (Science Building)
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Symposium Themes

TS1	Mechanisms, models, predictions					
TS2	Environmental change and species interactions					
	Stressors/ Extreme events	Macroecology/ Metapopulations/ Connectivity	Resilience/ Regime shifts	Range shifts	Spatial/ Temporal dynamics	Drivers of species interactions
TS3	The interface between ecology and management					
TS4	Biological invasions					

Monday 27th

08:00 – 08:30	Registration		
08:30-09:00	Welcome		
09:00-10:00	<u>Plenary Session (Room Pontecorvo):</u> Mark Denny <i>Mechanistic predictions: Prospects and problems in the quest for reality</i>		
10:00-10:30	Coffee break		
Room	Pontecorvo	PS1	D4
Chair	Nova Mieszkowska	Gray Williams	Simonetta Fraschetti
Session	<u>TS1:</u> <u>Mechanisms, models, predictions</u>	<u>TS2</u> <u>Environmental change and species interactions</u> (Stressors/ Extreme events)	<u>TS2</u> <u>Environmental change and species interactions</u> (Macroecology/ Metapopulations/ Connectivity)
10:30-11:00	<u>Keynote:</u> Lima F High-resolution 3D reconstruction of rocky shore topography as a tool for studying thermal stress	<u>Keynote:</u> Crowe T Combined effects of multiple global and local stressors in marine ecosystems	<u>Keynote:</u> Matias M Incorporating spatial dynamics and habitat heterogeneity in estimates of biotic responses to environmental change
11:00-11:20	<u>Knights A</u> Loss of surface complexity following reef destruction reduces larval encounters with habitat	<u>Airoldi L</u> Vanishing Mediterranean forests of canopy-forming seaweeds: trends, drivers and solutions	<u>Kasten P</u> Environmental factors linked to demography and reproductive effort of barnacle populations in the Southwestern Atlantic
11:20-11:40	<u>Seabra R</u> Topographical shading shapes coastal habitat complexity	<u>Kim JH</u> Assessment of environmental impact of Jeju naval base construction on soft coral communities using BACI design	<u>Tuckett C</u> Recruitment limitation in high latitude coral populations of Western Australia

11:40-12:00	<u>Bartsch I</u> The challenge of kelp primary productivity estimation	<u>Brooks P</u> Combined effects of multiple stressors: A field based response-surface experiment reveals variation in interactive effects across a range of concentrations and levels of organisation	<u>Porri F</u> Marine biofoam: a mechanism for intertidal retention of invertebrate larvae? For some, but not for all
12:00-12:20	<u>Navarrete S</u> Dealing with ecological complexity: The multiplex structure of the Chilean intertidal trophic and non-trophic web	<u>Stephens T</u> A kelp with integrity: <i>Macrocystis pyrifera</i> prioritizes tissue maintenance in response to nitrogen fertilization	<u>Bohn K</u> Comparisons of larval biology in temperate and tropical Chthamalid barnacles
12:20-12:40	<u>Whal M</u> Ecological modulation of stress: the percolation of complex global change through a macrophyte community	<u>Hurd C</u> Ocean acidification reverses the positive effects of seawater pH fluctuations on growth and photosynthesis of the habitat-forming kelp <i>Ecklonia radiata</i> .	<u>Zardi G</u> Intraspecific adaptive divergence of a marine mussel over a tropical/subtropical biogeographic transition
12:40-14:00	Lunch		
Chair	Mark Denny	Tasman Crowe	Francesca Porri
14:00-14:20	<u>Burrows M</u> Climate change effects on rocky intertidal communities	<u>Brown NEM</u> Food availability and diet modulate responses to acidification in marine fouling communities	<u>Baldanzi S</u> Variation in the maternal investment of the kelp-crab <i>Taliepus dentatus</i> along a latitudinal gradient on the coast of Chile
14:20-14:40	<u>Kotta J</u> Modelling spatial patterns of herbivore and its host plant under current and future environmental conditions	<u>Ravaglioli C</u> Including temporal regimes in compounded disturbance scenarios: the effects of pulse versus press nutrient loading and herbivory in seagrass meadows	<u>Cordeiro C</u> Macroecological patterns of sea urchins species in shallow reef environments
14:40-15:00	<u>Faroni-Perez L</u> Climate and environmental changes driving biogeographic shifts in temperate and tropical worm reefs	<u>Falkenberg L</u> Variability among individuals and between populations: responses of oyster sperm motility to ocean acidification and freshening	<u>Puccinelli E</u> The influence of coastal upwelling on filter-feeder stable isotope signatures across three continents
15:00-15:20	<u>Buonomo R</u> Marine canopies in a changing environment: projecting the distribution of brown algae under alternative climatic scenarios	<u>Anderson K</u> Manipulation of CO ₂ & temperature on algal-herbivore pair shows changes in population size will drive species interactions	<u>Heldt K</u> Sinking without a source? Loss of source communities in seagrass beds increases homogeneity between sink communities

15:20-15:50	Coffee break		
Chair	Miguel Matias	Sean Connell	Steve Dudgeon
Sessions	TS2 Environmental change and species interactions (Macroecology/ Metapopulations/ Connectivity)	TS2 Environmental change and species interactions (Stressors/ Extreme events)	TS2 Environmental change and species interactions (Spatial/ Temporal dynamics)
15:50-16:10	<u>Castorani M</u> Demographic connectivity structures the dynamics of giant kelp metapopulations	<u>Teixido N</u> Vulnerability of marine benthic biodiversity to ocean acidification based on taxonomic and trait-functional approaches	<u>Ivesa L</u> Habitats colonised by <i>Cystoseira amentacea</i> and <i>Fucus virsoides</i> along the southern part of the Istrian Coast (Croatia)
16:10-16:30	<u>Fraschetti S</u> Beta-diversity, connectivity, and resilience potential in shallow subtidal assemblages	<u>McAfee D</u> Can oysters provide a refuge for coastal biodiversity in a changing world?	<u>Cruz T</u> Barnacle recruitment in a cape / lee of a cape in an upwelling region (Portugal): spatial and temporal patterns
16:30-16:50	<u>Abbiati M</u> Genetic connectivity and conservation of Mediterranean Mesophotic Coral Ecosystems: recent advances and future directions	<u>Williams G</u> Close to the edge: survival strategies on tropical shores	<u>Shima J</u> Evidence and population consequences of shared larval dispersal histories in a temperate reef fish
16:50-17:10	<u>Lathlean J</u> Geographic variability in the utilisation of biogenic habitat	<u>Lau SLY</u> Chilling out in the tropics: seasonal variation in behaviour of <i>Echinolittorina</i> snails in Hong Kong	<u>Gagnon P</u> Spatial dynamics of the green sea urchin, <i>Strongylocentrotus droebachiensis</i> , in food-depleted habitats
17:10-17:30	<u>Mendes TC</u> Biogeography of marine herbivorous fishes: comparing tropical and temperate reefs	<u>Hunt H</u> Effects of warming and extreme temperature events on growth of the topshells <i>Phorcus lineatus</i> and <i>Gibbula umbilicalis</i> and their impacts on algal communities	<u>Christofolletti R</u> Macro and meiofauna associated with secondary substrate: the role of habitat heterogeneity to biodiversity maintenance
17:40-18:10	<u>Informal talk (Room Pontecorvo):</u> Steve Hawkins <i>The Zed (Zee) word: patterns of vertical distribution and their ultimate and proximate causes</i>		

18:10–19:00	Poster session
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Tuesday 28th

08:30-09:00	Registration		
09:00-10:00	<u>Plenary Session (Room Pontecorvo):</u> Sean Connell <i>Species interactions that drive or buffer community shifts in a world of intensifying environmental change</i>		
10:00-10:30	Coffee break		
Room	Pontecorvo	PS1	D4
Chair	Thomas Wernberg	Fernando Lima	Pippa Moore
Session	TS2 Environmental change and species interactions (Resilience/ Regime shifts)	TS1 Mechanisms, models, predictions	TS2 Environmental change and species interactions (Range shifts)
10:30-11:00	<u>Keynote:</u> <u>Bennett S</u> Spatial variation in species interactions and thermal safety margins shape temperate reef resilience to warming	<u>Keynote:</u> <u>Mieszkowska N</u> Gaps or traps: data densities, biogeographical challenges and mechanistic insights into climate impacts modelling in an uneven world	<u>Keynote:</u> <u>Smale D</u> Climate-driven shifts in the structure of kelp forest ecosystems: implications for productivity, biodiversity and resilience
11:00-11:20	<u>Rindi L</u> Spatial signatures of loss of resilience announce the collapse of macroalgal canopies	<u>Barboza F</u> Including biogeographic information in the modelling of benthic biodiversity: mixed models as a simple approach	<u>Teagle H</u> Climate driven shifts in habitat-forming kelp abundances may deplete local biodiversity
11:20-11:40	<u>Benedetti-Cecchi L</u> Spatiotemporal indicators of an approaching regime shift in canopy-dominated assemblages	<u>Pawley M</u> Spatial autocorrelation: bane or boon?	<u>Martins G</u> Linking plant-herbivore interactions and changes in species distribution: biotic multipliers of climate change?

11:40-12:00	<u>Johnson C</u> Shift from kelp bed to turfing algae represents alternative stable states, and the risk increases with multiple stressors	<u>Steyn R</u> Is bigger better and how much is enough? Optimisation of quadrat size, point distribution, and point counts, for temperate reef monitoring.	<u>Orostica M</u> Population structure and dynamics in co-occurrence zones between cold-water and warm-water <i>Patella</i> species
12:00-12:20	<u>Ghedini G</u> Loss of resistance to regime shifts: assessing erosion of compensatory dynamics to anticipate change	<u>Griffin K</u> Sampling temperate reefs: out with the 'old' – but then what?	<u>Nicastro K</u> Who is taking the heat? Recent warming trends threaten distinct genetic lineages and the adaptive potential of the species as a whole
12:20-12:40	<u>Franco JN</u> Trends and potential biological drivers of kelp distribution in southern Europe	<u>Anderson MJ</u> The continuum from fixed to random factors in the analysis of variance: a new synthesis	<u>Marzloff M</u> Differential vulnerability of deep-reef habitat-forming organisms to climate change
12:40-14:00	Lunch		
Chair	Lisandro Benedetti-Cecchi	Melinda Coleman	Dan Smale
Session	<u>TS2</u> <u>Environmental change and species interactions</u> (Resilience/ Regime shifts)	<u>TS3</u> <u>The interface between ecology and environmental management</u>	<u>TS2</u> <u>Environmental change and species interactions</u> (Range shifts)
14:00-14:20	<u>Russell B</u> From physiology to ecosystems: metabolic mismatch in subtidal grazers under future conditions could lead to ecosystem change	<u>Bertolini C</u> Effects of habitat complexity on predation rates are size-dependent: implications for the design of artificial reefs for mussel restoration	<u>Adams L</u> Spatial synchrony in marine ectotherms revealed through long-term time-series data
14:20-14:40	<u>Bush L</u> Site-specific conditions trigger switch between alternative states in temperate intertidal reefs	<u>Firth L</u> Eco-engineered rock pools: a concrete solution to biodiversity loss and marine urban sprawl	<u>King N</u> The capacity of two co-existing kelp species, at opposing edges of their distributional range, to deal with consecutive temperature stress
14:40-15:00	<u>Boada J</u> Inherent conditions determine collapses: nutrient regimes define the grazing resilience of macroalgal communities	<u>Paxton A</u> Existing natural and artificial temperate reefs provide valuable insight into future offshore renewable energy development	<u>Serrao E</u> Extant or extinct – climate changes drive genetic diversity and dynamics of marine forests

15:00-15:20	<u>Franz M</u> Noise or signal? Global change messages from long-term records of hard-bottom communities in the SW Baltic	<u>Komyakova V</u> Human induced formation of ecological traps in the marine environment: implications for the design of artificial reefs	<u>Moore P</u> Thermal tolerance of range edge and range centre kelp populations: evidence for thermal ecotypes
15:20-15:50	Coffee break		
Chair	Scott Bennett	Gee Chapman	Michael Burrows
15:50-16:10	<u>Johnson L</u> Kelp wanted: searching for balance in an ecosystem dominated by urchins	<u>Aguilera M</u> Contrasting effects of the spatial structure on diversity patterns and accumulation of anthropogenic litter in urban intertidal rocky shores	<u>Ricart AM</u> Influence of landscape patterns at multiple scales on coastal fish assemblages
16:10-16:30	<u>Bulleri F</u> Limpets compensate sea urchin collapse and sustain the stability of subtidal barrens in the face of enhanced nutrient loading	<u>Leclerc J-C</u> Strong facilitation versus poor predation in communities associated with artificial substrata in marinas	<u>Byrnes J</u> Linking global patterns of kelp forest change and variation in climate over the past half-century
16:30-16:50	<u>MacGregor K</u> Where the urchins always win: Large-scale clearings do not permit recolonization by algae in Quebec's subtidal urchin barrens	<u>Hall A</u> How persistent are assemblages upon wooden and rock groyne 'reefs' in soft sediment environments?	<u>Gribben P</u> Biogeographic patterns in macroalgae trait distributions and their associated communities.
16:50-17:10	<u>Christie H</u> Restoration of kelp forest ecosystems after 45 years of sea urchin grazing	<u>Ferrario F</u> Is there room for kelp? Spatially explicit modelling of kelp-grazer interactions for effective habitat restoration using artificial reefs	<u>Swearer S</u> Interannual variation in the patch dynamics of a temperate reef fish metapopulation
17:10-17:30	<u>Layton C</u> The importance of environment-engineer feedbacks and patch dynamics to the stability and resilience of kelp forests	<u>Steinberg P</u> Restoration of a habitat-forming seaweed and its associated biodiversity	<u>Liggins L</u> Comparative phylogeography: emergent patterns of genetic diversity across the Indo-Pacific Ocean
17:40-18:10	<u>Informal talk (Room Pontecorvo):</u> Tony Underwood <i>Consider the "logical" of "ecological"</i>		
18:10-19:00	Poster session		

Wednesday 29th

08:30 – 09:00	Registration		
09:00-10:00	Plenary Session (Room Pontecorvo): <u>Gee Chapman</u> <i>The interface between ecology and environmental management</i>		
10:00-10:30	Coffee break		
Room	Pontecorvo	PS1	D4
Chair	Bob Creese	Ezequiel Marzinelli	Gustavo Martins
Session	<u>TS3</u> The interface between ecology and environmental management	<u>TS2</u> Environmental change and species interactions (Drivers of species interactions)	<u>TS2</u> Environmental change and species interactions (Spatial/Temporal dynamics)
10:30-11:00	<u>Keynote:</u> <u>Coleman M</u> Macroalgal connectivity and marine protected areas	<u>Keynote:</u> <u>O'Connor N</u> Wave action modifies the effects of consumer diversity and warming on algal assemblages	<u>Keynote:</u> <u>Bekkby T</u> Interactive dynamics between abiotic factors, sea urchins and kelp forest
11:00-11:20	<u>Hereu B</u> 25 years of research and monitoring in Medes Islands MPA (NW Mediterranean Sea)	<u>Peleg O</u> Does change in biodiversity alter reef community functions?	<u>Dudgeon S</u> Long-term declines (1997- 2015) of intertidal molluscs in the Gulf of Maine
11:20-11:40	<u>Fernandez M</u> Relative importance of protection on gonad production, fecundity, size, and density: consequences of seeding exploited areas	<u>Jones A</u> Biological traits analysis to assess functional diversity associated with <i>Sabellaria</i> <i>alveolata</i> reefs	<u>Weidberg N</u> Trends, seasonality and spatial variability in recruitment of intertidal invertebrates along Central Chile over the past 16 years

11:40-12:00	<u>Garza C</u> Scale dependent drivers of MPA performance: A case study of the spiny lobster (<i>Panulirus interruptus</i>) on Santa Catalina Island	<u>Stevens T</u> How important is herbivory on mesophotic reefs?	<u>Vale M</u> Temporal and spatial patterns of reproductive phenology of <i>Patella aspera</i> (Azores, Portugal)
12:00-12:20	<u>Acuna-Marrero D</u> Availability and abundance of prey may enhance the effectiveness of a marine reserve to protect apex predators	<u>Underwood AJ</u> Complex competitive interactions between intertidal grazing gastropods revealed by detailed analyses of micro-algae	<u>Bordeyne F</u> Variability of carbon fluxes over tidal and seasonal cycles in an intertidal furoid community
12:20-12:40	<u>Adams K</u> Fiddler on the reef: movement and abundance of an incidentally caught elasmobranch with implications for no-take marine reserves	<u>Coleman R</u> Filling in the grazing puzzle: A synthesis of herbivory in starfish	<u>Sebens K</u> Pattern and process in rocky subtidal communities of the Salish Sea, North America
12:40-14:00	Lunch		
Chair	Hartvig Christie	Laura Falkenberg	Sergio Navarrete
14:00-14:20	<u>Smith A</u> Indirect effects of marine reserves on densities and habitat associations of small benthic fishes	<u>Okamoto D</u> Competition among eggs shifts to cooperation along a sperm supply gradient in an external fertilizer	<u>Butler C</u> Multi-decadal trends in the cover of giant kelp <i>Macrocystis pyrifera</i> in Tasmania
14:20-14:40	<u>Gianni F</u> Conservation and restoration of Mediterranean marine forests: the role of herbivorous fish	<u>Willis T</u> Piracy on the hydroid.	<u>Capdevila P</u> Unravelling the population dynamics of underwater forests: insights from the long-lived macroalga <i>Cystoseira zosteroides</i> .
14:40-15:00	<u>Walls A</u> Successional changes of epibiotic fouling communities of the cultivated kelp <i>Alaria esculenta</i> (Linnaeus) Greville: Predictability and influences	<u>Molis M</u> Did arrival of common eider (<i>Somateria mollissima</i>) facilitate retreat of a benthic bioengineer?	<u>De Bettignies T</u> Herbarium specimens reveal changes in seaweed reproduction over the past 100 years
15:00-15:20		<u>Pardal-Souza A</u> Large-scale patterns of an intertidal predator-prey system in Southeast Brazil	<u>Lamy T</u> Uncovering the complex and multiscale drivers of marine community dynamics
15:20-15:50	Coffee break		
Session	<u>TS2</u> <u>Environmental change and species interactions</u>	<u>TS4</u> <u>Biological invasions</u>	<u>TS2</u> <u>Environmental change and species interactions</u>

	(Stressors/ Extreme events)		(Spatial/ Temporal dynamics)
Chair	Laura Airoidi	Stuart Jenkins	Trine Bekkby
15:50-16:10	<u>Wernberg T</u> Global trends and impacts of marine heatwaves	<u>Caselle J</u> Top-down and bottom-up effects on resistance to an invasive algae in a marine protected area in the Santa Barbara Channel, California	<u>von der Meden C</u> Have long-term shifts of the sub-Antarctic Front affected epibenthic fauna at the Prince Edward Islands?
16:10-16:30	<u>Straub S</u> The importance of heatwave characteristics for impacts on Australian kelps	<u>Moy FE</u> The invasive alien red king crab restore kelp forest on sea urchin barren grounds	<u>Muniz C</u> Red tide conditions and spatio-temporal patterns in intertidal invertebrate recruitment: does food particle size matter?
16:30-16:50	<u>Pansch C</u> Heat waves and their significance for Baltic Sea benthic communities – a large scale experimental approach	<u>Woodart K</u> Investigating the role of temperature-mediated embryo development in the range expansion of cunner into the Bay of Fundy, Canada	<u>Dai CF</u> Long-term dynamics of a subtropical coral community in northeastern Taiwan mediated by anthropogenic and natural disturbances
16:50-17:10	<u>Dal Bello M</u> Legacy effects and memory leaks: how contingencies moderate the response of biofilms to present and past extreme events	<u>Lourenço C</u> Assessing native biogeographic boundaries and the invasive potential of the intertidal mussel <i>Perna perna</i>	<u>Salewski T</u> Temporal and spatial differences in growth and longevity of two populations of <i>Girella tricuspidata</i> in north-eastern New Zealand
17:10-17:30	<u>Reed D</u> Extreme warming challenges kelp forests as sentinels of climate change	<u>Saha M</u> Rapid defense adaptation to microbial foes promotes invasiveness of an exotic seaweed in the invaded range	<u>Shears N</u> Trophic cascades, multiple stressors and long-term change on temperate reefs: Lessons from 40 years of marine reserve protection in New Zealand
17:40-18:40	<p style="text-align: center;"><u>Introduction and Launch (Room Pontecorvo):</u> Craig Johnson <i>TemperateReefBase</i></p>		

Thursday 30th

08:30 – 09:00	Registration		
09:00-10:00	<u>Plenary Session (Room Pontecorvo):</u> John Stachowicz <i>Revisiting the concept of ecological fitting and community assembly: lessons from (and for) the study of marine invasions</i>		
10:00-10:30	Coffee break		
Session	<u>TS4</u> <u>Biological invasions</u>	<u>TS2</u> <u>Environmental change and species interactions</u> (Drivers of species interactions)	<u>TS3</u> <u>The interplay between ecology and management</u>
Room	Pontecorvo	PS1	D4
Chair	Cristopher McQuaid	Ladd Johnson	Louise Firth
10:30-11:00	<u>Keynote:</u> <u>Jenkins S</u> Developing non-native biosecurity plans for coastal marinas: eradication attempts, novel management solutions and stakeholder attitudes	<u>Keynote:</u> <u>Marzinelli E</u> Marine 'holobionts': seaweed-microbe interactions in a changing environment	<u>Keynote:</u> <u>Creese B</u> The interaction between science and management: a case study from the temperate waters of NSW Australia
11:00-11:20	<u>Rius M</u> Ecological interactions between native and non-indigenous species across species ranges and complex life cycles	<u>Siciliano A</u> Epiphytism as key driver of biodiversity in canopy-forming seaweeds-dominated systems	<u>Hepburn CD</u> A place for science in the guardianship of the marine environment by indigenous communities
11:20-11:40	<u>Dijkstra J</u> Non-native species increase habitat heterogeneity to influence trophic interactions in temperate reef seascapes	<u>Thomsen M</u> Do secondary habitat-formers increase biodiversity on temperate reefs?	<u>Stephenson F</u> Managing direct impacts of shellfish traps on common UK reef habitats in areas of high and low fishing effort.
11:40-12:00	<u>Uya M</u> Carry over effects of nutrient addition promote the recovery of <i>Caulerpa cylindracea</i> from the winter die-back	<u>Pocklington J</u> Can structurally simple algal leaves provide a refuge for phytal animals when complex fronds are lost to disturbance?	<u>Davis A</u> Dragging the chain: anchor scour, ocean-going vessels and epifaunal assemblages

12:00-12:20	<u>Alestra T</u> Role of the invasive kelp <i>Undaria pinnatifida</i> in intertidal-subtidal interaction webs: influence on mussel consumption and recruitment	<u>Mueller R</u> Responses to fluctuating intertidal environments – is seaweed morphology fixed or plastic?	<u>Kregting L</u> Wave modification by a kelp forest: can kelp combat coastal erosion?
12:20-12:40	<u>Rossi F</u> The effect of invasive <i>Sargassum muticum</i> on the carbon and nitrogen fixation by canopy-forming native seaweeds	<u>Aguirre D</u> Trait variability in a foundation kelp drives variability in the distribution of biodiversity on temperate reefs	<u>Asnaghi V</u> <i>Ostreopsis</i> bloom dynamics in the Mediterranean basin: general and local features in a management perspective
12:40-14:00	Lunch		
Chair	Fabio Bulleri	Nessa O'Connor	Bayden Russell
Session	<u>TS4</u> <u>Biological invasions</u>	<u>TS2</u> <u>Environmental change and species interactions</u> (Drivers of species interactions)	<u>TS2</u> <u>Environmental change and species interactions</u> (Stressors /Extreme events)
14:00-14:20	<u>Rinde E</u> Connectivity, threats and dispersal of the Pacific oyster at its present northern distribution limit in Europe, in recent and future climate	<u>Maggi E</u> Light pollution and marine food webs: preliminary results from an intertidal case study	<u>Carrasco S</u> Temperature-mediated development and post-hatching performance in three coastal species with contrasting life-history patterns
14:20-14:40	<u>McQuaid C</u> Genetic diversity in an indigenous mussel limits the spread of an invasive species	<u>Perez-Matus A</u> The role of biotic interactions between kelp and reef fishes	<u>Belanger D</u> Effect of eutrophication on growth and biofouling in the rhodolith-forming red coralline alga <i>Lithothamnion glaciale</i>
14:40-15:00	<u>Monaco C</u> Invasive species reproductive advantage: observations and predictions in a heterogeneous world	<u>Tatsumi M</u> Abiotic changes associated with a decline in kelp density feedback to affect kelp recruitment	<u>Schiel D</u> Compensatory light dynamics following disturbance to intertidal algal assemblages
15:00-15:20	<u>Lauringson V</u> Factors predicting the biomass and richness of exotic species in benthic assemblages of a low salinity ecosystem under strong human impact	<u>Mangialajo L</u> Macroalgal canopy loss facilitates blooms of benthic dinoflagellates on temperate reefs	<u>Blain C</u> Lights out: implications of increasing coastal turbidity on kelp (<i>Ecklonia radiata</i>) forest productivity
15:20-15:40	Coffee break		

Chair	John Stachowicz	Ross Coleman	Elena Maggi
Session	TS4 <u>Biological invasions</u>	TS2 <u>Environmental change and species interactions</u> (Drivers of species interactions)	TS3 <u>The interplay between ecology and management</u>
15:40-16:00	Rilov G Alien ecosystem engineers in a fast-warming sea: benign, threats or substitutes to a declining native community?	Osawa Y Where do they choose to survive: colonization patterns of epibionts on <i>Turbo</i> shells	Benedetti MC Different growth patterns in the temperate gorgonians of Mediterranean coralligenous: the <i>Corallium rubrum</i> study case
16:00-16:20	Tan A Winner or loser? Modelling the life history of an invasive bivalve, <i>Mytilopsis sallei</i> , under projected climate change scenarios	Fujita D Distribution, density and potential vegetation on a limpet <i>Niveotectura pallida</i> dominant on an urchin barren in Northern Japan	Di Camillo C Habitat-forming corals: a baseline for the central-eastern Mediterranean to support ecosystem-based marine spatial planning
16:20-16:40	Mutti A Green crab predation does not limit mussel recruitment in Maine.	Turicchia E Coralligenous epibenthic assemblages inside and outside <i>Paramuricea clavata</i> forests	Curd A Assessment of the distribution and ecological status of Sabellaria alveolata reefs in Europe: the REEHAB project
16:50-17:20	<u>Informal talk (Room Pontecorvo):</u> David Schiel <i>Being a modern marine ecologist: a primer on how to be 'relevant'</i>		
17:20-18:00	Prizes and Closure		
Free time			
20:00	Symposium dinner (Grand Hotel Duomo)		