

Program

SUNDAY 3rd NOVEMBER 2013 - CONFERENCE WELCOME

17:00 – 17:45	Registration (<i>Southern Cross Lobby – Esplanade Hotel Fremantle</i>)
17:30 – 18:00	Registrants have 30 mins to explore the Maritime Museum prior to the Welcome Reception
18.00	Sponge Conference Welcome Reception including Welcome to Country (<i>Maritime Museum, Fremantle</i>) <i>Sponsored by: Department of Parks & Wildlife, Department of Fisheries, WA Museum & WAMSI</i>

MONDAY 4th NOVEMBER 2013 - DAY ONE

8.00	Registration (<i>Southern Cross Lobby</i>)	
9.00	Opening Ceremony <i>Sirius Room</i>	Opening Address – John Gunn (CEO of The Australian Institute of Marine Science)
9.15	PLENARY SPEAKER <i>Sirius Room</i>	The past, present and future of sponge science Dr. Clive Wilkinson – Reef and Rainforest Research Centre in Australia
10.00	Morning Tea (<i>Southern Cross Lobby</i>)	
10.30	KEYNOTE SPEAKER <i>Sirius Room</i>	The contribution of siliceous sponges to the marine silicon cycle Dr. Manuel Maldonado – Centro de Estudios Avanzados de Blanes
	ECOLOGY PRESENTATIONS (Sponsored by Chevron) Session Chair - Janie Wulff (<i>Sirius Room</i>)	
11.00	Use of underwater videography and still imagery for sponge biodiversity habitat mapping and modelling	<u>Andrew Carroll</u> , Maggie Tran, Rachel Przeslawski
11.15	Is habitat heterogeneity an effective surrogate for temperate rocky reef biodiversity? Implications for Marine Protected Areas	<u>Andy Davis</u> , Matt Rees, Alan Jordan, Melinda Coleman, Owen Price
11.30	Habitat-based assessment of mesophotic sponge gardens of the Murion Islands, Northwest Australia using towed video and AUV optical imagery	<u>Ben Radford</u> , Jamie Colquhoun, Oscar Pizarro, Stefan Williams
11.45	Sponges as important sources of nitrate on an oligotrophic continental shelf	<u>John Keesing</u> , Joanna Strzelecki, Jane Fromont, Damian Thomson
12.00	Can microbial symbionts help sponges soak up the pressures of climate change?	<u>Nicole Webster</u> , Fan Lu, Craig Humphrey, Sven Uthicke, Torsten Thomas
12.15	Lunch Break (<i>Atrium Restaurant</i>)	
	ECOLOGY PRESENTATIONS (Sponsored by Chevron) Session Chair – Joana Xavier (<i>Sirius Room</i>)	
13.15	A sponge-driven analogue to the microbial loop supports energy and nutrient retention on coral reefs	<u>Jasper de Goeij</u> , Dick van Oevelen, Mark Vermeij, Ton de Goeij, Ronald Osinga, Wim Admiraal
13.30	Sponge gardens, sponge metabolism and benthic pelagic coupling: Where does all the carbon go?	<u>Chris Battershill</u> , Conrad Pilditch
	SPEED TALK SESSION Session Chair – John Hooper (<i>Sirius Room</i>)	
13.45	Sessile fauna of a temperate, shallow water Western Australian environment	<u>Jane Fromont</u> , Mat Vanderklift, Michelle Klautau
13.50	Environmental impacts on sponge pumping measured using a micro-thermistor	<u>Alan Duckworth</u> , Damien Jorgensen, Christine Schönberg, Nicole Webster, Andrew Negri

13.55	Taxonomic and environmental related sponge spicule dissolution	<u>Marco Bertolino</u> , Riccardo Cattaneo-Vietti, Maurizio Pansini, Giorgio Bavestrello
14.00	Habitat characterization of deep-water <i>Aphrocallistes beatrix</i> reefs in Aviles Canyon (Cantabrian Sea) from underwater ROV images	<u>Rios Pilar</u> , Muñoz Araceli, Sanchez Francisco, Cristobo Javier
14.05	Y-aminobutyric acid and L-glutamic acid induce contraction on the demosponge <i>Chondrosia reniformis</i> Nardo, 1847	<u>Dario Fassini</u> , Maria Daniela Candia Carnevali, Francesco Bonasoro
14.10	Community structure of Archaea and bacteria in two Indonesian sponges	<u>Nicole de Voogd</u> , Daniel FR Cleary, Ana RM Polónia, Newton CM Gomes
14.15	Overview of the biodiversity and distribution of the Class Homoscleromorpha in the Tropical Western Atlantic	<u>Guilherme Muricy</u> , Celso Domingos
14.20	Phylogenetic analysis of bacteria isolated from sponges using a diffusion-growth-chamber	<u>Georg Steinert</u> , Susanna Whitfield, Mike Taylor, Peter J. Schupp
14.25	Marine to medicine	<u>Howard Shawcross</u>
14.30	Phylogenetic relationships within <i>Mycale</i> Gray, 1867 inferred from molecular data, and implications for morphological character evolution	<u>Thiago De Paula</u> , Eduardo Hajdu, Gisele Lobo-Hajdu
14.35	Location, location, location: using novel surfaces to optimise sponge larval recruitment for reef restoration and aquaculture.	<u>Steve Whalan</u> , Muhammad Azmi Abdul Wahab
14.40	Potential of using marine sponge <i>Euryspongia</i> sp. to investigate the impact and adaptation to elevated ocean temperature and reduced pH due to global warming and ocean acidification	<u>Wei Zhang</u> , Kuo Yang, Susanne Zeile, Jingjing Wang, Shirley Sorokin, Jason Tanner
14.45	Systematics and evolution in the marine Haplosclerida	<u>Grace McCormack</u> , Kelly Stephens, Niamh Redmond
14.50	Sponge biomass and bioerosion rates increase under ocean warming and acidification	<u>James K.H. Fang</u> , Matheus A. Mello-Athayde, <u>Christine Schönberg</u> , David I. Kline, Ove Hoegh-Guldberg, Sophie Dove
14.55	Population structure and dispersal of the coral excavating sponge <i>Cliona delitrix</i> within the Greater Caribbean Sea	<u>Andia Chaves-Fonnegra</u> , Kevin Feldheim, Jesse J. Secord, Jose Lopez
15.00	Implementing sponge physiological and genomic information to enhance the diversity of its culturable associated bacteria	<u>Adi Lavy</u> , Ray Keren, Markus Haber, Inbar Schwartz, Micha Ilan
15.05	Marine sponge <i>Hymeniacion heliophila</i> as biomonitor of hydrocarbons pollution in the South Western Atlantic	<u>Daniela Batista Silva</u> , Karla Telinni, Adriana Nudi, Arthur Scofield, Nubia Floriano, Angela Wagener,
15.10	Corexit dispersant 9500 increases the impact of crude oil on coral reef sponge larvae	<u>Nicole Webster</u> , Andrew Negri, Andrew Hayward, Steve Whalan
15.15	Afternoon Tea (<i>Southern Cross Lobby</i>)	
	INDUSTRY PRESENTATIONS (Sponsored by University of Western Australia)	
	Session Chair – Ross Jones (<i>Sirius Room</i>)	
15.45	Should we be managing for sponges, too? Emerging opportunities for sponge research to contribute to the management of coral reefs under a changing climate	<u>Paul Marshall</u> , Nicole Webster, Ken Anthony
16.00	Synergistic effects of crude oil and Corexit dispersant on a sponge holobiont system	<u>Jose Lopez</u> , Marie Cuvelier, Jack Gilbert, Patricia Blackwelder, Emily Smith, Rebecca Vega Thurber
16.15	Sponges in a dust cloud: dredging-related pressures in NW Australia	<u>Jane Fromont</u> , Christine Schönberg, Oliver Gomez, Peter Speare, Evy Büttner, Flora Siebler
16.30	The impact of petroleum exploration on deep sea sponges: a physiological, cellular and molecular approach	<u>Raymond Bannister</u> , Sally Leys, Trond Størseth, Katelyn Edge, Emma Johnston, Jan Helge Fosså
16.45	Putative effects of prawn trawling on sponge diversity and distribution in a temperate Australian gulf	<u>Shirley Sorokin</u> , David Currie
17.00	Impact of global change on sponge bioerosion: from experimental evidence to monitoring guidelines	<u>Christine Schönberg</u> , Max Wisshak, Armin Form, André Freiwald, Katherine Holmes
17.30	Student Meet & Greet Night (Norfolk Hotel, Fremantle)	

TUESDAY 5th NOVEMBER 2013 - DAY TWO

8.00	Registration (<i>Southern Cross Lobby</i>)		
9.00	KEYNOTE SPEAKER <i>Sirius Room</i>	Sponge-dominated reefs as a potential future trajectory for coral reefs Dr. James Bell – Victoria University of Wellington	
	POPULATION BIOLOGY ORAL PRESENTATIONS Session Chair – James Bell (<i>Sirius Room</i>)		
9.30	Reproductive cycle and gametogenesis in the coral excavating sponge <i>Cliona delitrix</i>	<u>Andia Chaves-Fonnegra</u> , Manuel Maldonado, Patricia Blackwelder, Jose Lopez	
9.45	The young and the restless: sponge larval settlement behaviours	<u>Steve Whalan</u> , Muhammad Azmi Abdul Wahab, Dianne Tapiolas, Cherie Motti	
10.00	Morning Tea (<i>Southern Cross Lobby</i>)		
	POPULATION BIOLOGY PRESENTATIONS Session Chair – Ana Riesgo (<i>Sirius Room</i>)	ECOLOGY PRESENTATIONS Session Chair – Raymond Bannister (<i>Pleiades Room</i>)	
10.30	Insights into the genetic connectivity of the marine sponge <i>Stylissa carteri</i> in the Saudi Arabian Red Sea	<u>Emily C Giles</u> , Pablo Saenz-Agudelo, Michael L. Berumen, Timothy Ravasi	Sponge biodiversity and ecology of the Van Diemen Rise, northern Australia <u>Rachel Przeslawski</u> , Belinda Alvarez, Chris Battershill, Andrew Carroll
10.45	Insights into population dynamics of the intertidal <i>Phyllospongia</i> sp. in central Great Barrier Reef	<u>Muhammad Azmi Abdul Wahab</u> , Rocky de Nys, Nicole Webster, Steve Whalan	Biodiversity of subtidal sponges (Porifera: Demospongiae) in the Penghu Archipelagos (Pescadores), Taiwan <u>Yusheng Huang</u> , Nicole J. de Voogd, Tsung-Hsuan Li, Hin-Kiu Mok
11.00	Low genetic structure of lithistid sponge species between deep sea mounts off New Caledonia	<u>Merrick Ekins</u> , Dirk Erpenbeck, Kathryn Hall, Monika Bryce, John Hooper	The boring sponges of Abrolhos Bank, Brazil, with a comparison between the community structure of the inner and outer reef arcs. <u>Fernando Moraes</u> , Rodrigo Leão de Moura, Gilberto Menezes Amado-Filho, Camille Leal, Guilherme Muricy
11.15	Population connectivity in a reef-forming glass sponge, <i>Aphrocallistes vastus</i> : a next generation sequencing ddRAD approach	<u>Rachel Brown</u> , Sally Leys	Pattern and process in a threatened seagrass community: habitat use by sponges in <i>Posidonia australis</i> <u>Marie-Claire Demers</u>
11.30	The stress of reproduction: gene expression along the life cycle of the Mediterranean sponge <i>Crella elegans</i> (Demospongiae, Poecilosclerida)	<u>Alicia Perez-Porro</u> , María J. Uriz, Gonzalo Giribet	Sponge community gradients in submerged caves of the Eastern Mediterranean <u>Vasilis Gerovasileiou</u> , Eleni Voultsiadou
11.45	Lunch Break (<i>Atrium Restaurant</i>)		
	ECOLOGY PRESENTATIONS Session Chair – Andy Davis (<i>Sirius Room</i>)		
13.15	Stability of a sponge community of a Mediterranean rocky cliff during a 25 year period	<u>Maurizio Pansini</u> , Marco Bertolino, <u>Federico Betti</u> , Marzia Bo, Riccardo Cattaneo-Vietti, Jeniffer Romero, Giorgio Bavestrello	
13.30	Sponge distribution patterns across the Indonesia Archipelago	<u>Nicole de Voogd</u>	
13.45	Biodiversity associated with marine sponges using next generation sequencing and traditional approaches	<u>Grace McCormack</u> , Monica BJ Moniz, Carsten Wolff	
14.00	Positive effects of canopy forming kelp on sponge assemblages through habitat modification	<u>Cesar Cardenas</u> , Simon K. Davy, James J. Bell	
14.15	Good neighbors: Sponges collaborate with adjacent heterospecific sponges to keep the neighborhood safe for all	<u>Janie Wulff</u>	
14.30	Predicting suitable habitat for the bird's nest sponge <i>Pheronema carpeniteri</i> (Hexactinellida, Pheronematidae) in the Northeast Atlantic	<u>Joana Xavier</u> , Jorge Marco, Javier Diaz-Castillo	

14.45	Anti-predator and anti-microbial defences in tropical Pacific sponges	<i>Peter Schupp, Sven Rohde</i>
15.00	A checklist of shallow and mesophotic sponges, Agulhas Bank South Africa: an ecologically important hotspot for poriferan fauna	<i>Liesl Janson, Seshnee Maduray, Steve P. Kirkman, Sven Kerwath, Albrecht Gotz, Toufiek Samaai</i>
15.15	Afternoon Tea (<i>Southern Cross Lobby</i>)	
ECOLOGY PRESENTATIONS		
Session Chair - César A. Cárdenas (<i>Sirius Room</i>)		
15.45	Demosponges in disguise: formation of new syncytial tissue in glass sponges	<i>Amanda Kahn, Sally Leys,</i>
16.00	Sponge chemical mediation: tracing the signals in the water column	<i>Eva Ternon, Olivier Thomas</i>
16.15	Excurrent jets and dissolved oxygen plumes from a tropical bacteriosponge	<i>James Hench, Niels L. Lindquist, Patrick J. Gibson, Brian N. Popp, Chris S. Martens</i>
16.30	Determining the effect of <i>Cliona delitrix</i> removal on stony coral growth offshore southeast Florida	<i>Ariel Halperin, Andia Chaves-Fonnegra, David Gilliam</i>
16.45	Sponge-seagrass interactions: investigating the interaction between turtle grass (<i>Thalassia testudinum</i>) and <i>Halichondria melanadocia</i>	<i>Stephanie Archer, Elizabeth Stoner, Craig Layman</i>
17.00	Poster Session sponsored by AIMS@JCU (<i>Southern Cross Lobby</i>)	

WEDNESDAY 6th NOVEMBER 2013 - DAY THREE

8.00	Registration (<i>Southern Cross Lobby</i>)		
9.00	KEYNOTE SPEAKER <i>Sirius Room</i>	What drives sponge symbioses? Prof. Ute Hentschel-Humeida – University of Würzburg	
SYMBIOSIS PRESENTATIONS (Sponsored by KAUST)			
Session Chair – Prof. Ute Hentschel-Humeida (<i>Sirius Room</i>)			
	Signaling in bacterial symbionts of sponges	<i>Russell Hill, Jindong Zan, Clay Fuqua</i>	
	Challenging the specificity of the marine sponge microbiome - a biogeographical approach	<i>Rodrigo Costa, Cristiane Hardoim, Ana Esteves, María Lago-Lestón, Cymon Cox, Joana Xavier</i>	
10.00	Morning Tea (<i>Southern Cross Lobby</i>)		
	SYMBIOSIS PRESENTATIONS (Sponsored by KAUST) Session Chair – Russell Hill (<i>Sirius Room</i>)		TAXONOMY / SYSTEMATICS PRESENTATIONS Session Chair – Nicole de Voogd (<i>Pleiades Room</i>)
10.30	Chemoautotrophic fixation, translocation and turnover of inorganic carbon in the cold water coral encrusting sponge <i>Hymedesmia coriacea</i> (Tisler Reef, NE Skagerrak)	<i>Fluer van Duyl, Richard Doggen, Sabine K. Lengger, Tomas Lundälv, Christina Müller, Stefan Schouten</i>	Genetic diversity of the Indo-Pacific barrel sponge <i>Xestospongia testudinaria</i> (Haplosclerida: Petrosiidae) <i>Edwin Setiawan, Thomas Swierts, Nicole deVoogd, Dirk Erpenbeck, Gert Wörheide</i>
10.45	Evolution and function of eukaryotic-like proteins in the bacterial sponge symbionts	<i>Torsten Thomas, Ana Esteves, Mary Nguyen, David Reynolds, Michael Liu, Lu Fan,</i>	SpongeMaps: an online collaborative tool for taxonomy <i>Kathryn Hall, Merrick Ekins, Miranda Vidgen, Mary Kay Harper, Chris Ireland, Anthony Carroll, Leesa Habener, Dirk Erpenbeck, Gert Wörheide, John Hooper</i>
11.00	Barnacles and sponges –overview of diversity and upcoming research.	<i>Oriol Sacristan-Soriano, Mikel A. Becerro</i>	Haplotype versus morphotype of cosmopolitan sponges (Porifera: Demospongiae) in the Indonesian Archipelago <i>Ratih Aryasari, Nicole de Voogd, Dirk Erpenbeck, Gert Wörheide</i>
11.15	Disease and environmental stress in a coral reef sponge	<i>Heidi Luter, Steve Whalan, Nicole Webster</i>	Stelligeridae revisited: an investigation into Stelligeridae Lendenfeld, 1898 (Porifera: Demospongiae) using molecular and morphological characters. <i>Christine Morrow, Niamh Redmand, Allen Collins, Rob van Soest, Nicole Boury-Esnault, Bernard Picton, Christine Maggs, Julia Sigwart</i>

11.30	You've got a friend in me: High stability of <i>Ircinia</i> -associated bacterial communities over time and space	<u>Lucia Pita</u> , Xavier Turon, Susanna López-Legentil, Patrick Michael Erwin	Genetic marker assessment for demosponges	<u>Allen Collins</u> , Thacker Robert, Niamh Redmond, Ehsan Kayal, Megan Zappe, Jorge Salazar
11.45	Sponge symbioses in the shadows: specialized co-existence between <i>Plakortis</i> and <i>Xestospongia</i> in cryptic habitats of the Caribbean	<u>Jan Vicente</u> , Sven Zea, Russell Hill	For the record: an update on the sponge fauna of the Sahul Shelf Province	<u>Belinda Alvarez</u> , Rachel Przeslawski
12.00	Temporal dynamics and tissue specificity of sponge-associated bacteria in <i>Aplysina aerophoba</i>	<u>Andrew Hosie</u> , Jane Fromont, Kylie Munyard, Mark Castalanelli, Diana Jones		
12.15	Lunch Break (Atrium Restaurant)			
	SYMBIOSIS PRESENTATIONS (Sponsored by KAUST)			
	Session Chair – Heidi Luter (Sirius Room)			
13.15	Investigations on abundance and activity of microbial sponge symbionts using quantitative real-time PCR	<u>Lars Kumala</u> , Ute Hentschel, Kristina Bayer		
13.30	Bacterial profiling of closely related shallow to deep-sea <i>Hexadella</i> (Porifera, Verongida) species by Illumina sequencing	<u>Julie Reveillaud</u> , Loïs Maignien, A. Murat Eren, Amy Apprill, Mitchell L. Sogin, Ann Vanreusel		
13.45	Arsenic ecology in the Red Sea sponge <i>Theonella swinhoei</i>	<u>Ray Keren</u> , Boaz Mayzel, Adi Lavy, Lee Amitai, Boaz Pokroy, Micha Ilan		
14.00	Characterisation of vertically inherited symbiotic Proteobacteria in the tropical coral reef demosponge <i>Amphimedon queenslandica</i>	<u>Rebecca Fieth</u> , Kathryn Green, Sandie Degnan		
14.15	Significant shifts in sponge-associated bacterial community and metabolic profiles of sponge <i>Aplysilla rosea</i> challenged by <i>Vibrio natriegens</i>	<u>Mohammad Mehubub</u> , Chris Franco, Wei Zhang		
14.30	KEYNOTE SPEAKER Sirius Room	The <i>Amphimedon queenslandica</i> genome and the pursuit to understand why sponges aren't like other animals Prof. Bernie Degnan – University of Queensland		
	PHYLOGENY / EVOLUTION PRESENTATION			
	Session Chair – Prof. Bernie Degnan (Sirius Room)			
15.00	<i>Tethya wilhelma</i> : an emerging marine model for early-branching metazoans	<u>Gert Wörheide</u> , Dirk Erpenbeck, Gaurav Shimpi, Oliver Voigt, Sergio Vargas, Jörg U. Hammel, Michael Nickel		
15.15	Afternoon Tea (Southern Cross Lobby)			
	PHYLOGENY / EVOLUTION PRESENTATIONS			
	Session Chair – Gert Wörheide (Sirius Room)			
15.45	Genomes of calcareous sponges reveal surprisingly complex developmental toolkits	<u>Marcin Adamski</u> , Sven Leininger, Sofia Fortunato, Brith Bergum, Hans Tore Rapp, Maja Adamska		
16.00	Genetic key components of spicule formation in calcareous sponges	<u>Oliver Voigt</u> , Marcin Adamska, Kasia Sluzek, Gert Wörheide, Maja Adamska		
16.15	Sponge Barcoding v.2 - much more than just barcodes	<u>Dirk Erpenbeck</u> , Kathryn Hall, Merrick Ekins, Temi Varghese, John Hooper, Gert Wörheide		
16.30	Developmental gene expression indicates homology of poriferan and eumetazoan body plans	<u>Maja Adamska</u> , Sven Leininger, Marcin Adamski, Brith Bergum, Corina Guder, Jing Liu		
16.45	Sudden sponge occurrences in the aftermath of severe extinction events in the Phanerozoic	<u>Joachim Reitner</u> , Cui Luo, Lixia Li		
17.00	Assembling the Poriferan Tree of Life: integrative taxonomy and systematics confirm new hypotheses of sponge evolution	<u>Bob Thacker</u> , April Hill, Malcolm Hill, Niamh Redmond, Christine Morrow, Cristina Diaz		
17.15	Mitochondrial genomics and phylogenomics of sponges	<u>Dennis Lavrov</u>		
17.30	Fluid dynamics and flow in leucon-type sponge canal systems: Insights from the freshwater sponge <i>Spongilla lacustris</i>	<u>Jörg Hammel</u> , Henry Jahn, Stefanie Zade, Julia Herzen, Felix Beckmann, Jaap Kaandorp, Michael Nickel		
18.00	Remembering Scientists (Kailis Fish Market)			

THURSDAY 7th NOVEMBER 2013 – DAY FOUR

8.00	Registration (<i>Southern Cross Lobby</i>)		
9.00	KEYNOTE SPEAKER <i>Sirius Room</i>	A blueprint strategy for improving the classification of the Porifera. Dr. Rob van Soest – Naturalis Biodiversity Center	
	TAXONOMY / SYSTEMATICS PRESENTATIONS Session Chair – Dr Rob van Soest (<i>Sirius Room</i>)		
9.30	Biogeography of calcinean sponges (<i>Calcarea</i>)	<i>Michelle Klautau, Fernanda Azevedo, Eduardo Hajdu,</i>	
9.45	Re-interpretations of the evolution of fibre skeletons within <i>Verongida</i>	<i>Maria Cristina Diaz, Robert W. Thacker, Niamh Redmond, Allen Collins, Kenan Matterson,</i>	
10.00	Morning Tea (<i>Southern Cross Lobby</i>)		
	TAXONOMY / SYSTEMATICS PRESENTATIONS Session Chair - Belinda Alvarez (<i>Sirius Room</i>)	BIOTECHNOLOGY PRESENTATIONS Session Chair – Peter Schupp (<i>Pleiades Room</i>)	
10.30	EMP Project Initiative		A modified molybdosilica method for rapid biogenic silica content determination in keratose sponges <i>Yalan Chou, Li-Lian Liu</i>
10.45	A new genus and four new species of Aplysiniidae sponges (Porifera, Demospongiae) from the Eastern Tropical Pacific	<i>Patricia Gómez, Carlos A. Sánchez, Barbara González-Acosta, Claudia J. Hernández-Guerrero, Zvi Hoffman</i>	Phylogenetic diversity comparison of culturable Actinobacteria associated with marine sponges (<i>Mycala</i> sp. and <i>Stylissa</i> sp.) and ascidians (<i>Styela plicata</i> and <i>Molgula manhattensis</i>) in six isolation media <i>Qi Yang, Yanjuan Xin, Christopher Franco, Caihuan Ke, Wei Zhang</i>
11.00	Synonymization of <i>Crambe</i> and <i>Monanchora</i> , with a taxonomic revision of the 'Crambe arbuscula complex', and description of three new species from the Tropical Western Atlantic	<i>Eduardo Leal Esteves, Thiago Silva de Paula, Gisele Lôbo-Hajdu, Eduardo Hajdu</i>	Tissue homeostasis in sponges: defining 'growth states' via cell proliferation and cell loss <i>Brittany Alexander, Harm van der Geest, Ronald Osinga, Wim Admiraal, Marta Ribes, Jasper de Goeij</i>
11.15	Lithistid demosponges of the Macaronesian Islands and Northeast Atlantic seamounts: diversity, distribution and phylogenetic relationships	<i>Francisca Carvalho, Shirley Pomponi, Paco Cárdenas, James Harris, Joana R Xavier</i>	Chemical diversity of marine bacteria <i>Salinispora arenicola</i> and ' <i>Salinispora pacifica</i> ' associated with the host sponges <i>Dercitus xanthus</i> and <i>Cinachyrella australiensis</i> <i>Uptal Bose, Mark Hodson, M. Vidgen, N. Shaw, J. Fuerst, A. Hewavitharana</i>
11.30	Wnt pathway components in the sponge <i>Halisarca dujardini</i> (Demospongiae)	<i>Ilya Borisenko, Marcin Adamski, Sven Leininger, Alexander Ereskovsky, Maja Adamska</i>	Evaluation of differential protein expression in <i>Haliclona aquarius</i> and sponge-associated microorganisms under cadmium stress <i>Cristiano Coutinho, Rodrigo C. Wanick, Herbert S. Barbosa, Leonardo R. Frazão, Ricardo E. Santelli, Marco Aurélio Z. Arruda</i>
11.45	Are there 'keratose' demosponges in the Phanerozoic fossil record?	<i>Cui Luo, Joachim Reitner</i>	A bacterial symbiont of Japanese marine sponge <i>Discodermia calyx</i> produces biologically active metabolites <i>Toshiyuki Wakimoto, Yoko Egami, Yu Nakashima, Ikuro Abe</i>
12.00	Molecular palaeobiology of 'lithistid' demosponges: a new classification	<i>Astrid Schuster, Dirk Erpenbeck, Andrzej Pisera, Gert Wörheide</i>	Assessing the metabolic pathways of sponge alkaloids through feeding experiments <i>Olivier Thomas, Marie-Aude Tribalat</i>
12.15	Origin and early evolution of myosin heavy chains and the neuromuscular system	<i>Claire Larroux, Michael Nickel, Joerg Hammel, Gert Wörheide</i>	Taxonomy and distribution of some sponges of Cebu, Philippines <i>Ma. Belinda A. Longakit, Michelle Kelly, Filipina B. Sotto</i>

12.30	Lunch Break & Workshop on proposed changes to sponge classification (<i>Atrium Restaurant</i>)	
	PHYLOGENY / EVOLUTION PRESENTATIONS	
	Session Chair – Bob Thacker (<i>Sirius Room</i>)	
13.30	Shallow-depth sequencing of the genome of several sponges using advanced multiplexing	<i>Ehsan Kayal, Niamh Redmond, Allen Collins</i>
13.45	Integrative transcriptome analysis of two Red Sea sponges, <i>Stylissa carteri</i> and <i>Xestospongia testudinaria</i>	<i>Taewoo Ryu, Ute Hentschel, Timothy Ravasi</i>
14.00	Molecular machinery of germ line, sex determination, and vitellogenesis of sponges	<i>Ana Riesgo, Susanna López-Legentil, Sally P. Leys, Gonzalo Giribet</i>
14.15	Why does the genome of the sponge, <i>Amphimedon queenslandica</i> encode highly complex and diversified innate immune receptor systems?	<i>Benedict Yuen, Sandie Degnan</i>
14.30	Genomic and transcriptomic profiling of the aggregation factor genes of the demosponge <i>Amphimedon queenslandica</i>	<i>Laura Grice, Marie Gauthier, Selene Fernandez-Valverde, Bernard Degnan</i>
14.45	Ontogeny of choanocyte chambers during metamorphosis in <i>Amphimedon queenslandica</i>	<i>Shunsuke Sogabe, Nagayasu Nakanishi, Bernard Degnan</i>
15.00	Cruciform cells of calcaronean sponge-larvae: a gene expression study in <i>Sycon ciliatum</i>	<i>Sofia Fortunato, Sven Leininger, Corina Guder, Marcin Adamski, Raymond Bannister, Maja Adamska</i>
15.15	Sponge sensory systems: Do sponges have primary cilia?	<i>Danielle Ludeman, Sally Leys</i>
15.30	Afternoon Tea (<i>Southern Cross Lobby</i>)	
	BIOTECHNOLOGY PRESENTATIONS	
	Session Chair – Alan Duckworth (<i>Sirius Room</i>)	
16.00	Marine sponge biotechnology: an ocean of discoveries for new industrial products	<i>Wei Zhang, Raymond Tham</i>
16.15	Seeing the invisible: comprehensive fingerprint of the drug-like natural product metabolome	<i>Tanja Grkovic, Ronald J Quinn</i>
16.30	Screening apolar extracts from South Australian marine sponges for cytotoxicity properties against three human breast cancer cell lines	<i>Shuang Peng, Wei Zhang, Barbara Sanderson</i>
16.45	Bio-silica from sponges: towards new applications in nano-biotechnology and biomedicine	<i>Heinz C. Schröder, Xiaohong Wang, Werner E. G. Müller</i>
17.00	Phylogeny drives large scale patterns in Australian marine bioactivity - biodiversity is not a lottery, and Porifera is the winner!	<i>Libby Evans Illidge, Murray Logan, Jane Fromont, Christopher Battershill, Carsten Wolff, Lyndon Llewellyn</i>
17.15	Closing Ceremony (<i>Sirius Room</i>)	
19.00	Conference Dinner (<i>Fremantle Sailing Club</i>)	

FRIDAY 8th NOVEMBER 2013 – TOURS DAY

SATURDAY 9th NOVEMBER 2013 – WORKSHOP DAY AT UNIVERSITY OF WESTERN AUSTRALIA

Poster Presentations

Board	Title	Authors
BIOTECHNOLOGY		
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3	Effect of the neuroactive compounds, epinephrine, dopamine and L-dopa on larvae settlement and metamorphosis of red sponge, <i>Mycale microsigmatosa</i>	Huilong Ou, <u>Dexiang Wang</u>
4	Antitumor potential of bacteria associated to the Mediterranean sponges <i>Crambe crambe</i> and <i>Sarcotragus spinosulus</i> (Demospongiae)	Erica Perino, Celso Alves, André Horta, Roberto Pronzato, Renata Manconi, <u>Eva Ternon</u> , Rui Pedrosa,
5	Portuguese marine sponge extract libraries for drug discovery: ASYN-TAU, TTR and IDO modulators	<u>Helena Gaspar</u> , Vanda Monteiro, Joana Xavier, Francisco Rocha Pires, Susana Santos, BIOALVO
6	SPECIAL - Sponge Enzymes and Cells for Innovative Applications	<u>Joana R Xavier</u>
7	Stress protein HSP70 from marine sponge <i>T. muricata</i>	<u>Kerli Vallmann</u> , Carmen Kivisild, Annika Lopp
8	Selective isolation of actinobacteria associated with four South Australian marine sponges by surface sterilization, drying, pre-treatments and media modification	<u>Mohammad Mehbub</u> , Rom Lam, Sogand Behrouzinia, Anna Wilson, Chris Franco, Wei Zhang
9	Immobilization of sponge hybridomas in gel Microdroplets: a novel approach to development of a sponge cell culture model	<u>Shirley A. Pomponi</u> , Stephanie Munroe, Cecile Jolly, M. Cristina Diaz
10	Antibacterial and cytotoxic activities of secondary metabolites produced by <i>Aaptos suberitoides</i> associated bacteria	<u>Syamsudin Abdillah</u> , Syarmalena, Fatmah Zuraiha
11	Bioactivity test of secondary metabolites associated fungi with <i>Aaptos suberitoides</i> from Tanjung Pecaron Situbondo	<u>Syamsudin Abdillah</u> , Syarmalina, Mieysa Intan Permatasari
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13	One Tree Island Research Station	<u>Ana Vila-Concejo</u> , Maria Byrne, Maddie Rosenthal
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15	Calcareous sponges are fashion	<u>André Padua</u> , Cássio Fonseca, Tereza Cristina Gonçalves da Silva, Michelle Klautau
16	Transitions from coral to sponge dominated reef states: an example from an Indo-Pacific reef	<u>Andrew Biggerstaff</u> , James Bell, David Smith
17	The diversity of sponges from French Polynesia	Kathryn Hall, Merrick Ekins, Patricia Sutcliffe, John Hooper, Nicole de Voogd, Sylvain Petek, Eric Folcher, <u>Cecile Debitus</u>
18	The perks of being endolithic	<u>Christine Schönberg</u> , Max Wisshak

19	Storm damage after cyclone Yasi – bioeroding sponges survived	<u>Christine Schönberg</u> , Haley Burgess
20	Effects of simulated dredging and trawling on Australian sponges – a pilot study	Evy Büttner, Flora Siebler, Jane Fromont, Muhammad Abdul Wahab, <u>Christine Schönberg</u> , Franz Brümmer
21	Unexpected high abundance of carnivorous sponges in a deep canyon of the South West Atlantic Ocean	<u>Cristobo Javier</u> , Muñoz Araceli, Gonzalez Daniel, Ríos Pilar
22	Marine sponges as biomonitors of heavy metal pollution in the South Western Atlantic	<u>Daniela Batista Silva</u> , Guilherme Muricy, Norbert Miekeley
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24	Evidence of a conduction mechanism that stiffens the demosponge <i>Chondrosia reniformis</i> Nardo 1847 after localized mechanical stimulation.	<u>Dario Fassini</u> , Iain C. Wilkie, Daniela Candia, Francesco Bonasoro
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26	Kimberley Marine Research Station	<u>Erin McGinty</u> , James Brown
27	Behavior of nudibranchs (Mollusca, Gastropoda) in relation to secondary metabolites from marine sponges	Thalita Belmonte, Daniela Sudatti, Renato C. Pereira, <u>Gisele Löbo-Hajdu</u>
28	Orpheus Island Research Station	<u>Haley Burgess</u> , Sue Kelly, John Chandler
29	Climate change and tropical sponges: The effect of pH on sponge morphology and ultrastructure.	<u>Holly Bennett</u>
30	Sponge assemblages of the Condor Seamount (Azores) characterized from underwater imagery	Raquel Pereira, José Nuno Gomes Pereira, Fernando Tempera, Filipe Porteiro, <u>Joana R. Xavier</u>
31	Preliminary assessment of sponge responses to dredging-related pressures	<u>M. Carmen Pineda</u> , Alan Duckworth, Nicole Webster
32	Sponge spicules in marine sediments: a significant silicon sink	<u>Manuel Maldonado</u> , María López-Acosta, Celia Stijà, Marta García-Puig, Gemma Ercilla
33	Three-dimensional sponge aggregates in the Mediterranean Sea coralligenous accretions	<u>Marco Bertolino</u> , Marielvira Matrone, Barbara Calcinaï, Carlo Cerrano, Maurizio Pansini, Giorgio Bavestrello
34	Sponge spicule flux in Antarctic water column studied by sediment trap	<u>Marco Bertolino</u> , Maria Paola Ferranti, Laura Cutroneo, Anny Forero, Giorgio Bavestrello, Marco Capello
35	Bioaccumulation and speciation of europium in the Mediterranean sponge <i>Aplysina cavernicola</i>	<u>Melody Maloubier</u> , Olivier P. Thomas, Christophe den Auwer, Christophe Moulin, Hervé Michel, Marie-Yasmine Dechraoui Bottein, Stefan G. Minasian, Pier L. Solari
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38	Lithistid as habitat: 3-dimensional sponge diversity in the Western Australian tropics.	<u>Oliver Gomez</u> , Belinda Alvarez, Andrzej Pisera, Christine Schönberg, Jane Fromont
39	Sponge culture In Tunisia (South of the Mediterranean Sea)	<u>Souad Zarrouk</u>
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43	Phylogenetic position and the time of origin of freshwater sponges: a mitochondrial DNA perspective	Dennis Lavrov , Katrina Lutap
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48	First record of demosponge spicules in a late Devonian stromatoporoid basal skeleton (Frasnian, Belgium)	Joachim Reitner , Anne-Christine Da Silva, Stephen Kershaw, Frédéric Boulvain, Benoit L. M. Hubert, Bruno Mistiaen
49	Prospects for a new "Global Invertebrate Genomics Alliance" (GIGA)	Jose Lopez , GIGA Consortium of Scientists
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54	Connectivity among populations of <i>Clathrina aurea</i> (Porifera, Calcarea) in South-Southeastern Brazil.	André Padua , Haydée Cunha, Michelle Klautau
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56	Population genetics of the introduced sponge <i>Sycettusa hastifera</i> (Porifera, Calcarea) in the Brazilian coast.	Fernanda F. Cavalcanti, Haydée Cunha, Michelle Klautau
57	Distribution of a barrel sponge in the Eastern Gulf of Thailand	Thamasak Yeemin , Watchara Samsuvan, Mathinee Yucharoen, Paulwatt Nuclear, Makamas Sutthacheep

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61	Degrees of host specificity, effects of sample handling, and extent of cultivation bias elucidated for bacterial communities in closely related marine sponges	Cristiane Hardoim, Massimiliano Cardinale, Ana Cúcio, Joana R. Xavier, Cymon J Cox, Rodrigo Costa
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68	Till death do us apart: stable sponge-bacteria associations under thermal and food shortage stresses	Lucía Pita, Patrick Michael Erwin, Xavier Turon, Susanna López-Legentil
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70	Come on baby light my larva: exploring sponge larval fluorescence	Muhammad Azmi Abdul Wahab, Tracy Ainsworth, Nicole Webster, Steve Whalan
71	Bioinformatics analysis of the viral community within the sponge holobiont	Patrick Laffy, Emmanuelle Botté, Karen Weynberg, Elisha Wood-Charlson, Thomas Rattei, Nicole Webster
72	Meeting the aliens: morphogenesis induction of the green alga <i>Ulva mutabilis</i> by sponge-associated bacteria	Rodrigo Costa, Chloé Marechal, Ana I.S. Esteves, Thomas Wichard
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84	First record of the " <i>Cliona viridis</i> complex" in the Southwestern Atlantic	Camille Victória Leal Corrêa da Silva, <u>Eduardo Leal Esteves</u> , Thiago Silva de Paula, Gisele Lôbo-Hajdu, Christine Hanna Lydia Schönberg
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