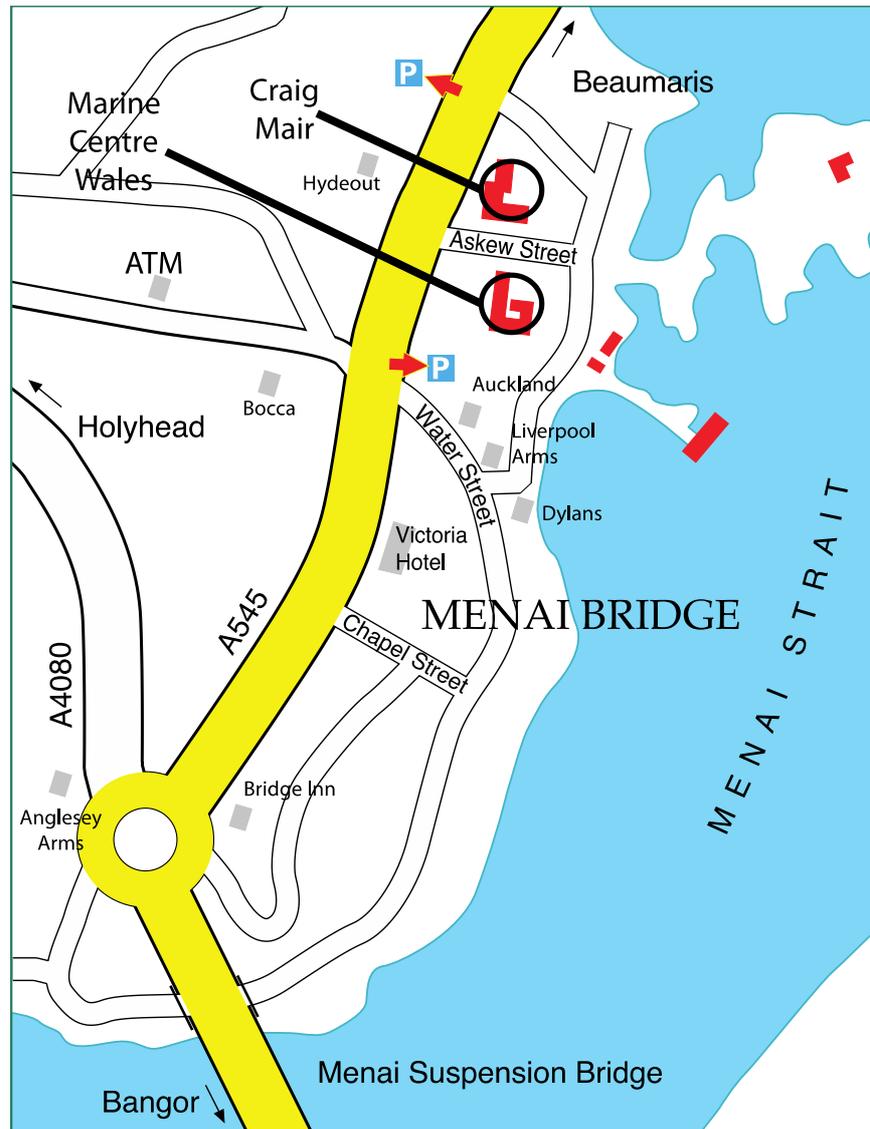


British Psychological Society
Winter Meeting 2017

Programme and Instructions

Meeting Location and transport

The meeting will be held in the School of Ocean Sciences, Bangor University in the town of Menai Bridge on the Isle of Anglesey. We will be using two buildings on this site, the Marine Centre Wales and Craig Mair (indicated by black circles). Menai Bridge has two main car parks with long stay (blue P icon on the map below). Please ensure you ticket appropriately, as you will be fined if your ticket runs out (bring UK coins, £3 for 12 hours).



Map 1: Location of Ocean Sciences and other places of interest in Menai Bridge

Travelling by car: If you are travelling by car from mainland UK, or from Manchester or Liverpool Airports, you will need to head to North Wales via the M6, M56 and A55 motorways. These are relatively clear at most times, but during rush hour periods can become congested (7-9 am, 5-6 pm). The map on the next page (Map 2) shows the location of Bangor relative to the main motorway system in the UK. To ease travel, a satellite navigation system, or even Google Maps is useful, and the postcode of our department is LL59 5AB.

Travelling by train: Bangor is well connected by rail services, including direct trains from London Euston (Virgin Trains), these usually run every 1-2 hours, and take approximately 3.5

hours. Trains from airports such as Liverpool and Manchester run about each hour, but may require changing at stations such as Chester or Crewe. Check the website: www.trainline.co.uk for times and tickets. You can also buy a ticket from any station in the UK (if there are no facilities to buy a ticket, you can purchase a ticket from a conductor).

From trains to hotels/Menai Bridge: If you arrive by train, there will be numerous taxi's adjacent to platform 1 at Bangor Train Station, cost to travel to Menai Bridge will be less than £10 depending on time of day. You can also get a bus from the stop up the hill from the entrance to the train station over to Menai Bridge, and the cost is less than £4 for a single ticket, bus services include X4, 4A, 62, 57 and run about every 15 minutes during 8am-6pm. Bus drivers will change £5 and £10 notes but best to bring UK coins.



Map 2: Location of Bangor/Anglesey and major transport routes.

Registration, posters and oral instructions

Registration will be open from 2pm on Wednesday 11th January in the Cemlyn Jones Laboratory. Once on site, we will have signs pointing the way, and if you get lost, ask any one walking around the laboratory site to point you in the right direction. The registration desk will also be manned on Thursday and Friday of the meeting from 8am-10am and at various points through the day, but grab one of our students who will be visible during the day if you have any queries.

Posters: If you have been allocated a poster presentation, please ensure that your poster is mounted before the Ice Breaker session on Wednesday evening, as we will have an informal mingle through posters. Please adhere to your poster number, which has been allocated in

the programme, and poster boards will be marked with your number. We are set up to take standard poster sizes in landscape or portrait orientation.

Oral presentations: For those of you with oral presentations, please upload these during registration periods. One of our students will upload your presentation onto the University network, allowing quick and easy transition during the talks. Please use Microsoft PowerPoint or PDF format so we don't encounter issues with document types. If you wish to use your own laptop, we have HDMI and VGA connections in the Sarah Jones Lecture Theatre, and just VGA in the Denis Crisp Seminar Room, so make sure you have a suitable dongle to facilitate this. All oral presentations except for Special Sessions and Presidential addresses are 15 minutes with 5 minutes for questions. Please adhere to these timings in planning to avoid running over, and to allow transition of people between parallel talks in the buildings, as transit time is about 3-4 minutes.

Pre-meeting activities

For all attendees registered to undertake pre-meeting activities, can you meet at 2.00pm on Wednesday 11th January at the registration desk in Cemlyn Jones laboratory.

Rib-ride Adventure Tour: Will depart from Cemlyn Jones lab at 2.10 to walk to the Rib-ride Pier in Menai Bridge, you will be back at approximately 3.45pm-4pm. Please bring gloves, hat and scarf, warm jacket. Rib-ride will provide water proofs as needed.

Trip to Beaumaris: Minibuses will depart from outside the Craig Mair Building at 2.15pm, with return at 5.30pm from Beaumaris. It is approximately a 20 minute drive from Menai Bridge.

Ice Breaker

The Ice Breaker will be held in the Cemlyn Jones Laboratory from 6pm on Wednesday the 11th January, finishing at 8pm. We will provide wine, soft drinks and some canapes. This will be followed by a socializing event with free food (likely curry in vegan and meat varieties) at the Auckland Arms Menai Bridge (head to Menai High Street, left towards Uxbridge Square and left down Water Street, Map 1).

For those of you whom would like a quieter meal, the following restaurants are nearby and booking in advance is advised:

Bocca Italian +44 (0)1248 713 008	Dylans – Pizza/Seafood +44 (0)1248 716714	Hydeout – American BBQ +44 (0)1248 345956
The Taste of India +44 (0)1248 715187	Jade Village +44 (0)1248 715409	The Straits – Local Food +44 (0)1248 716377

Pubs that serve food within 5-10 mins walking distance, no booking needed (... probably):

Liverpool Arms (Menai Bridge) Water Street	Anglesey Arms By the Menai Bridge	Bridge Inn By the Menai Bridge
Bulkeley Arms (Menai Bridge) Uxbridge Square/Water Street	Victoria Hotel Telford Road	

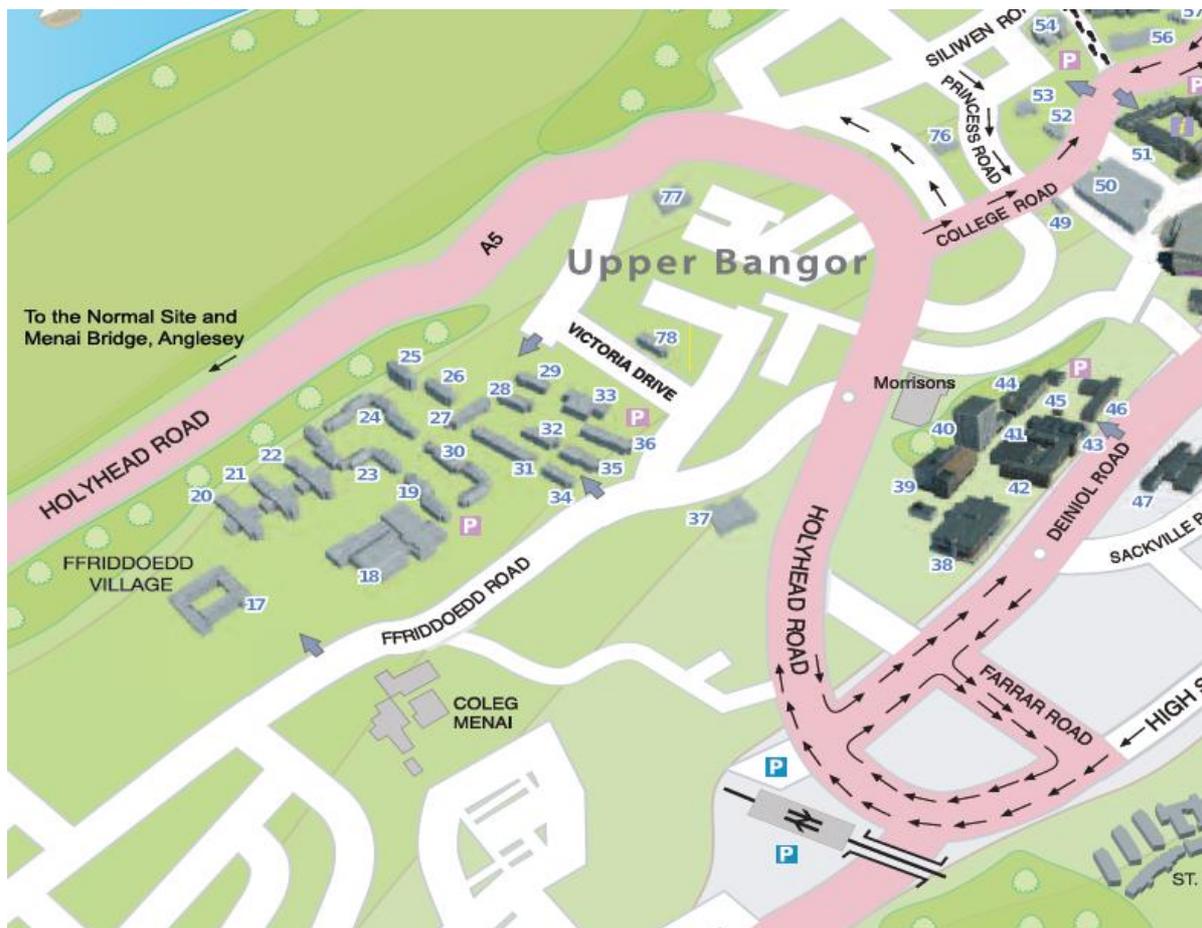
Meeting Dinner

The meeting dinner will be held in Reichel Hall, Bangor University on the mainland (Building 17 on Map 3 below) with arrival for 19.15-19.30, with seated by 19.45. We have a set menu consisting of (with pre-ordered vegetarian options at time of ticket purchase), including wine and coffee:

- **Starter:** Trio of salmon and crab, horseradish crème fraiche and Affilia cress, soda bread. *Vegetarian option: Roasted red peppers savoury cheesecake topped with a tomato and basil jelly set on herby crumbs.*
- **Main course:** Char grilled Graig fawr farm rump of welsh lamb, dauphinoise potatoes, Paloise sauce (minted Bearnaise), peas and carrots with smoky bacon and a red wine reduction. *Vegetarian option: Spinach and ricotta parcel with a tomato and cumin sauce, seasonal vegetables and potatoes.*
- **Dessert:** Panna cotta with fruits of the forest compote, fresh vanilla crème anglaise and an almond tuile.

Transport to Meeting Dinner

We will have three minibuses available for shuttle runs to the Meeting Dinner venue and Upper Bangor (e.g. near the Management Centre) following the close of the AGM at 18.00 on Thursday. We will do this on a rolling basis, no booking needed, beware that we can only shift 27 people at a time, so we may need to do a few runs to get everyone over there.



Map 3. Location of Reichel Hall building 17 (also known as Neuadd Reichel in Welsh)

Programme

Wednesday 11 th January	
14:00-17:30	<p>Registration Desk and Poster Mounting Cemlyn Jones Laboratory – Craig Mair</p> <p>Activities for meeting attendees Meet in Cemlyn Jones Laboratory – Craig Mair</p> <p>BPS Council Meeting (Council Members only) 15:00 start, Meeting Room 1 (1st Floor) - Marine Centre Wales</p>
18:00-20:00	<p>Registration, Ice Breaker and Posters (Sponsor: Taylor and Francis) Cemlyn Jones Laboratory – Craig Mair</p>
20:00-onwards	<p>Student Social and Buffet (all welcome!) Auckland Arms Pub – Water Street, Menai Bridge</p>

Thursday 12 th January	
08:00-09:00	<p>Minibus Pickup Locations in Bangor</p> <p>Registration desk from 08:00 Marine Centre Wales - Foyer</p>
09:00-10:30	<p>Opening Session (Chair: Andrew Davies) Sarah Jones Lecture Theatre - Marine Centre Wales</p>
09:00-09:05	<p>Introduction and Welcome Andrew Davies – Organiser and School of Ocean Sciences</p>
09:05-09:55	<p>Overseas Presidential Address: Koen Sabbe: “Life in shifting sands: functional ecology of marine benthic diatoms”</p>
09:55-10:15	<p>President of FEPS: Olivier De Clerck: “A decade of FEPS: an introduction to the past, present and future of a Federation of European Phycological Societies”</p>
10:15-10:30	<p>President of BPS: Gill Malin: “How and why to tell the world about phycology?”</p>
10:30-11:00	<p>Refreshments and posters – Cemlyn Jones Laboratory – Craig Mair</p>
11:00-13:00	<p>SPECIAL SESSION: “Dominating the intertidal: the biology of fucoids” (Chairs: Juliet Brodie and Chris Maggs) Sarah Jones Lecture Theatre - Marine Centre Wales</p>
11:00-11:30	<p>Alexander Jueterbock: “North Atlantic fucoids in the light of global warming”</p>
11:30-12:00	<p>Ester Serraro: “Evolutionary processes in fucoid algae”</p>

12:00-12:30	Paula Lightfoot: "Mapping intertidal seaweed communities from remote sensing data: an object-based approach"
12:30-13:00	Stuart Jenkins: "Furoid macroalgae as ecosystem engineers: where natural history meets ecological theory"
13:00-13:50	Lunch and Posters – Cemlyn Jones Laboratory – Craig Mair
13:50-17:00	Manton Prize - Student Presentations (Chair: Gill Malin) Sarah Jones Lecture Theatre - Marine Centre Wales
13.50-14.10	Sebastiana Rocuzzo: "The use of natural infochemicals for sustainable and efficient harvesting of the microalgae <i>Scenedesmus</i> spp for biotechnology"
14:10-14:30	Nathan Christmas: "Diversity and genomics of cyanobacteria in the cryosphere"
14:30-14:50	Henry Koehler: "Seasonal distribution of sediment-dwelling protists (SDPs) in intertidal flats of Sligo Bay, West of Ireland"
14:50-15:10	Seth Thomas: "Diatoms: From DMSP Synthesis to Global Significance"
15:10-15:30	Srilakshmy Harikrishnan: "Transcriptomics analysis to investigate the host responses of brown algae (<i>Ectocarpus</i> spp.) during infection caused by the oomycete pathogen <i>Eurychasma dicksonii</i> "
15:30-16:00	Refreshments and posters – Cemlyn Jones Laboratory – Craig Mair
16:00-16:20	Charlotte Walker: "Investigating the role of calcification in coccolithophores"
16:20-16:40	Graham Epstein: "Proliferation of the invasive kelp, <i>Undaria pinnatifida</i> , from marinas to rocky reef and the potential for its control"
16:40-17:00	Nathan King: "Thermal tolerance of range edge and range centre kelp populations: evidence for thermal ecotypes"
17:00-18:00	BPS Annual General Meeting Sarah Jones Lecture Theatre - Marine Centre Wales
19:00-onwards	Meeting Dinner Reichel Hall, Bangor University

Friday 13th January	
08:00-09:00	Minibus Pickup Locations in Bangor Registration desk from 08:00 Cemlyn Jones Laboratory – Craig Mair

09:00-10:40	Ecology and Change 1 Sarah Jones Lecture Theatre - Marine Centre Wales	Physiology and Biochemistry Denis Crisp Seminar Room – Craig Mair
09:00-09:20	Eileen J. Cox: “Freshwater Diatom Flora of Britain and Ireland – filling a gap and addressing difficult issues.”	Seth Davis: “Exploring the genomes of extremophilic red algae <i>Galdieria</i> with 2 nd and 3 rd -generation genomics to unlock Industrial Biotechnological applications”
09:20-09:40	Ingrid Jüttner: “Freshwater Diatom Flora of Britain and Ireland – an online identification tool”	Fleuriane Fernandes: “Use of FTIR spectrophotometry to monitor post- harvest treatments in seaweeds for enhancement of macromolecular composition”
09:40-10:00	Claire Passarelli: “Composition of microphytobenthic biofilms in coral reefs, and influence on coral recruitment”	Claire Gachon: “Novel strategies for preventing diseases in cultivated seaweeds”
10:00-10:20	Jacqui Pocklington: “Examining how kelp forest community dynamics differ along a latitudinal gradient in Great Britain”	Daniel Thornton: “Growth, death and exopolymer particle production by diatoms”
10:20-10.40	Dan Smale: “Towards a better understanding of ecological structure and functioning in UK kelp forests: An update on the Team Kelp (UK Division) fieldwork program and related outputs”	Mahasweta Saha: “The breakdown of bacterial “armour”: feebleness of an invasive seaweed holobiont?”
10:40-11:10	Refreshments and posters – Cemlyn Jones Laboratory – Craig Mair	
11:10-13:10	SPECIAL SESSION: “Microalgae and carbon cycling” (Chairs: Dan Thornton and Rupert Perkins) Sarah Jones Lecture Theatre - Marine Centre Wales	
11:10-11:40	Tammi Richardson: “Carbon fluxes in ocean food webs: how phytoplankton community composition may (or may not) affect trophic dynamics and export”	
11:40-12:10	Graham Underwood: “Carbon fluxes in microalgal biofilms: the flows through dissolved organic matter and extracellular polymeric substances (EPS).”	
12:10-12:40	Kevin Flynn: “A new paradigm for marine planktonic primary production”	
12:40-13:10	Stephen Maberly: “Phylogeny, physiology and environment: Is inorganic carbon an important ecological factor for freshwater microalgae?”	
13:10-14:00	Lunch and posters – Cemlyn Jones Laboratory – Craig Mair (Final Council Meeting, Council Only – MCW 1 st Floor Meeting Room)	

14:00-16:00	Ecology and Change Sarah Jones Lecture Theatre - Marine Centre Wales	Taxonomy and Applied Phycology Denis Crisp Seminar Room – Craig Mair
14:00-14:20	Christine Maggs: “ <i>Gracilaria vermiculophylla</i> : an invasive red seaweed has arrived in Britain”	Linda Medlin: “Advances in molecular tools for routine monitoring of toxic algae and pathogens in aquatic ecosystems”
14:20-14:40	Dorothea Bender-Champ: “Tropical macroalgae under future conditions”	Hiroshi Kawai: “Taxonomic revision of Agaraceae (Laminariales, Phaeophyceae)”
14:40-15:00	Michael Burrows: “Measuring climate change effects in rocky shore communities”	Pilar Díaz-Tapia: “Evolutionary history of the hyperdiverse red algal family Rhodomelaceae”
15:00-15:20	Juliet Brodie: “Brilliant and intense: structural colour in marine algae”	Joe Taylor: “Temporal dynamics of the coastal Cercozoa; revealing hidden diversity in an understudied group”
15:20-15:40	Kathryn Schoenrock: “Epibacterial diversity and function in the physiology of polar coralline algae”	Michael Steinke: “Taxon-specific volatile metabolomic signatures in three species of seaweed”
15:40-16:00	Luli Randell: “The effect of temperature on volatile organic compound production in coccolithophore species <i>Emiliana huxleyi</i> ”	Alla Silkina: “An algal-bacteria consortium for successful waste remediation and probiotic effect for aquaculture feeding”
16:00-17:30	Meeting closed, but rooms available for meetings and poster take down	

Posters

Student Poster Competition	
1	Miriam Bernard: "Laboratory and field studies on the interaction between kelps and filamentous algal endophytes"
2	Cecilia Biancacci: "Establishment of <i>Osmundea pinnatifida</i> mariculture"
3	Charlotte Walker: "Characterisation of the elusive colonial haptophyte <i>Corymbellus aureus</i> "
4	Holly Welsby: "Seasonal Silicon Cycling in the Severn Estuary"
5	Keelan Lawlor: "Changes in total lipid and lipid class composition during the growth of three marine microalgae"
6	Jessie Lauze: "Developmental and ecological response of <i>Fucus vesiculosus</i> to chronic environmental contamination in the northwest Atlantic"
7	Jessica Knoop: " Seasonal observation of life history stages and population dynamics of the red alga <i>Porphyra dioica</i> in South Wales"
8	Héctor Cid: "Morphological changes, cell damage and metal localization after long term stress by Cu(II) and Pb(II) ions over the green seaweed <i>U. linza</i> on batch cultures"
9	Albert Pessarrodona: "Climate-driven shifts in species dominance affect kelp forest functioning"
10	Harry Teagle: "Climate-driven substitution of habitat-forming species leads to reduced biodiversity within a temperate marine community"

Posters	
11	Kathryn M Schoenrock: "A pan-Arctic assessment of biodiversity and ecosystems services provided by coralline algae reefs"
12	Chris Carter: "Studies of two interesting freshwater algae 1"
13	Chris Carter: "Studies of two interesting freshwater algae 2"
14	Gary S Caldwell: "Living Architecture: A Modular and Programmable Synthetic Ecosystem for the Built Environment"
15	Ricardo Bermejo: "Assessing spatial and temporal scales of variation in green tides: Tubular vs. Sheet-like morphologies"
16	Christine Campbell: "Addressing the future in a 21 st century Culture Collection of Algae and Protozoa"
17	Joanna Wilbraham: "New Version of the AlgaeVision Website: A searchable photo catalogue of freshwater and subaerial algae"

18	Geraldine Reid: "The Algal Collections at National Museums Liverpool (World Museum, LIV)"
19	Gail Twigg: "Impact of Climate Change on Communities of Scottish Rocky Shores since 2002"
20	Alastair Skeffington: "How far can you trust your proteomics database?"
21	Moya O'Donnell: "Can Differences in Minimum Areas Lead to Different Conclusions? A Case Study in Green Algal Tides"
22	Manuela Iovinella: "Flexibility of thermoacidophilic red alga <i>Galdieria maxima</i> strains and their capacity to grow in non-acidophilic environments"
23	Angelo Del Mondo: "A spotlight on algal RAD52 in Cyanidiophyceae (Rhodophyta): a relic in algal heritage"
24	Jan Janouškovec: "Major transitions in dinoflagellate evolution unveiled by phylotranscriptomics"
25	Li-En Yang: "A review of the bladed Bangiales (Rhodophyta) in China: history, culture and taxonomy"