
CURRICULUM VITAE

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PERSONAL STATEMENT

Biologist with research foci on invertebrate animals and the deep sea, especially chemosynthesis-based ecosystems. Key interests include adaptation, evolution, biogeography, ecology, biodiversity, taxonomy and systematics. Trained and skilled in both morphological (e.g., dissection, histology, electron microscopy) and molecular (e.g., DNA barcoding, phylogenetics, population genetics) methods. Experienced malacologist with taxonomic expertise in marine gastropods. Currently serving on the editorial boards of two international journals, as well as a member of the IUCN (International Union for Conservation of Nature) Species Survival Commission's mollusc specialist group. Was an elected officer of the Deep-Sea Biology Society and also the Malacological Society of London. Extensive records in field expedition at sea, logging over 500 days on-board 40 voyages, using manned submersibles, ROV, and AUV, among other equipment. Constantly seeking and developing new techniques required to answer scientific questions, always actively collaborating. Able to disseminate results timely with a proven track record for publishing peer-reviewed scientific papers. Highly experienced in both talk and poster presentations. Involved in and motivated by public engagement and outreach. Adept international traveller. Quadrilingual.

PROFESSIONAL EXPERIENCE

2022/07 ~ Present	Senior Scientist Japan Agency for Marine-Earth Science and Technology (JAMSTEC) Yokosuka Headquarters SUGAR Program, X-STAR
2023/03 ~ Present	Guest Researcher Senckenberg Research Institute and Natural History Museum, Frankfurt Division of Marine Zoology Section Malacology
2020/04 ~ 2022/06	Research Scientist with Tenure Japan Agency for Marine-Earth Science and Technology (JAMSTEC) Yokosuka Headquarters SUGAR Program, X-STAR
2018/04 ~ 2020/03	Research Scientist (Tenure-Track) Japan Agency for Marine-Earth Science and Technology (JAMSTEC) Yokosuka Headquarters SUGAR Program, X-STAR
2018/07 ~ 2019/03	Adjunct Lecturer Yokohama National University, Japan Graduate School of Environment and Information Sciences

2015/05 ~ 2018/03	International Postdoctoral Fellow (= Young Research Fellow) Japan Agency for Marine-Earth Science and Technology (JAMSTEC) Yokosuka Headquarters Department of Subsurface Geobiological Analysis and Research
2014/09 ~ Present	Visiting Research Fellow Queen's University Belfast, Northern Ireland, United Kingdom Queen's University Marine Laboratory, School of Biological Sciences
2017/04 ~ 2017/09 & 2018/04 ~ 2018/09	Adjunct Lecturer Sophia University, Tokyo, Japan Faculty of Science and Technology
2015/07 ~ 2016/06	Research Associate University of Oxford, England, United Kingdom Ocean Research & Conservation Group, Department of Zoology

EDUCATION

2015/04 Graduated	DPhil	Doctor of Philosophy in Zoology (Oxon.) University of Oxford (Merton College), England, United Kingdom British Antarctic Survey, Cambridge, England, United Kingdom Thesis: "Systematics, ecology, and evolution of hydrothermal vent endemic peltospirids (Mollusca: Gastropoda) from the Indian and Southern oceans" Supervisor: <i>Prof. Alex D. Rogers (University of Oxford)</i> Co-supervisors: <i>Dr. Jonathan T. Copley (University of Southampton)</i> <i>Dr. Katrin Linse (British Antarctic Survey, Cambridge)</i> <i>Dr. Julia D. Sigwart (Queen's University Belfast)</i> Advisors: <i>Dr. Sammy De Grave (University of Oxford)</i> <i>Dr. Martin R. Speight (University of Oxford)</i> <i>Prof. Peter W.H. Holland (University of Oxford)</i>
2015/04 Incepted	MA	Master of Arts in Biological Sciences (Oxon.) University of Oxford (St Anne's College), England, United Kingdom Incepted from BA (Hons.) following the attainment of DPhil.
2011/07 Graduated	BA	Bachelor of Arts (Hons.) in Biological Sciences (Oxon.) University of Oxford (St Anne's College), England, United Kingdom Thesis: "The effect of water pollution on community structure and size distribution of rocky shore organisms in Hong Kong" Main supervisor: <i>Dr. Martin R. Speight (University of Oxford)</i> Co-supervisors: <i>Prof. Gray A. Williams (University of Hong Kong)</i> <i>Prof. Kenneth M.Y. Leung (University of Hong Kong)</i>
2008/05 Graduated	Diploma	International Baccalaureate Diploma Programme Shatin College, New Territories, Hong Kong SAR English School Foundation, Hong Kong SAR

OTHER AFFILIATIONS

2023/02 ~ Present	SOSA Ambassador Senckenberg Ocean Species Alliance (SOSA) Senckenberg Research Institute, Frankfurt
2019/02 ~ Present	Specialist Member The IUCN Species Survival Commission, Mollusc Specialist Group IUCN Red Listing of hydrothermal vent molluscs
2017/04 ~ Present	Radiation User SPring-8 Synchrotron Radiation Facility RIKEN and Japan Synchrotron Radiation Research Institute (JASRI)
2016/10 ~ Present	Affiliate Lawrence Berkeley National Laboratory, California, U.S.A. Advanced Light Source
2014/01~2014/03	Research Student

PEER-REVIEWED PUBLICATIONS

= Co-first Authors; * = Corresponding Author(s)

122. He X# / Xu T#, **Chen C**, Liu X, Li Y-X, Zhong Z, Gu X, Lin Y-T, Lan Y, Yan G, Sun Y, Qiu J-W*, Qian P-Y*, Sun J* (2023). Same (sea) bed different dreams: Biological community structure of the Haima seep reveals distinct biogeographic affinities. *The Innovation Geoscience*, **1**(2): 100019. DOI: 10.59717/j.xinn-geo.2023.100019
121. Breusing C*, Xiao Y, Russell SL, Corbett-Detig RB, Li S, Sun J, **Chen C**, Lan Y, Qian P-Y, Beinart RA* (2023). Ecological differences among hydrothermal vent symbioses may drive contrasting patterns of symbiont population differentiation. *mSystems*, **Ahead of Print**. DOI: 10.1128/msystems.00284-23 [Preprint available on *bioRxiv*, DOI: 10.1101/2022.08.30.505939]
120. Watanabe HK, Uyeno D, Yamamori L, Jimi N, **Chen C*** (2023). From commensalism to parasitism within a genus-level clade of barnacles. *Biology Letters*, **19**: 20220550. DOI: 10.1098/rsbl.2022.0550
119. He X, Wang H, Xu T, Zhang Y, **Chen C**, Qiu J-W, Zhou Y*, Sun J* (2023). Genomic analysis of a scale worm provides insights into its adaptation to deep-sea hydrothermal vents. *Genome Biology and Evolution*, **15**(7): evad125. DOI: 10.1093/gbe/evad125
118. Sawada H**# / **Chen C**#, Iwamoto H, Takai K (2023). A trip into molten sulfur. *Island Arc*, **32**(1): e12489. DOI: 10.1111/iar.12489
117. **Chen C***, Watanabe HK, Sawada H, Iwamoto H, Takai K (2023). Unexpected discovery of a serpentinite-hosted chemosynthetic ecosystem on Asút Tesoru Seamount, Mariana Forearc. *Marine Ecology*, Early View: e12759. DOI: 10.1111/maec.12759
116. Sigwart JD**# / **Chen C**#, Tilic E, Vences M, Riehl T (2023). Why is there no service to support taxonomy? *BioEssays*, **45**(9): 2300070. DOI: 10.1002/bies.202300070
115. **Chen C***, Zhong Z, Qiu J-W, Sun J (2023). A new *Paralepetopsis* limpet from a South China Sea seep hints at a paraphyletic Neolepetopsidae. *Zoological Studies*, **62**: 26. DOI: 10.6620/ZS.2023.62-26
114. Methou P*, Nye V, Copley JT, Watanabe HK, Nagai Y, **Chen C** (2023). Life-history traits of alvinocaridid shrimps inhabiting chemosynthetic ecosystems around Japan. *Marine Biology*, **170**: 75. DOI: 10.1007/s00227-023-04221-4
113. Kawagucci S**# / Matsui Y#, Nomaki H, **Chen C** (2023). Deep-sea freezer. *Frontiers in Marine Science*, **10**: 1179818. DOI: 10.3389/fmars.2023.1179818
112. **Chen C***, Sigwart JD (2023). The lost vent gastropod species of Lothar A. Beck. *Zootaxa*, **5270**(3): 401-436. DOI: 10.11646/zootaxa.5270.3.2
111. Brandt A# / **Chen C**#, Tandberg AHS, Miguez-Salas O, Sigwart JD* (2023). Complex sublinear burrows in the deep sea may be constructed by amphipods. *Ecology and Evolution*, **13**(3): e9867. DOI: 10.1002/ece3.9867
110. Li Y-X, Zhang Y, Ip JC-H, Liu J, **Chen C**, Little CTS, Yokoyama Y, Yasuhara M, Qiu J-W* (2023). Phylogenetic context of a deep-sea clam (Bivalvia: Vesicomyidae) revealed by DNA from 1500-year-old shells. *Zoological Research*, **44**(2): 353-356. DOI: 10.24272/j.issn.2095-8137.2022.404
109. Sigwart JD, Brandt A, Di Franco D, Escobar E, Gerken S, Gooday AJ, Grimes CJ, Głuchowska K, Hoffman S, Jaźdżewska AM, Kamyab E, Kelch A, Knauber H, Kohlenbach K, Miguez-Salas O, Moreau C, Ogawa A, Poliseno A, Santín Muriel A, Tandberg AHS, Theising F, Walter T, Wölfel A-C, **Chen C*** (2023). Heterogeneity on the abyssal plains: A case study in the Bering Sea. *Frontiers in Marine Science*, **9**: 1037482. DOI: 10.3389/fmars.2022.1037482
108. Sigwart JD, Ogawa A, **Chen C*** (2023). "Dreamer holothurians" in the north. *Marine Biodiversity*, **53**: 8. DOI: 10.1007/s12526-022-01314-z
107. Brunner O*, **Chen C**, Giguère T, Kawagucci S, Watanabe HK, Tunnicliffe V, Mitarai S (2022). Hydrothermal vent species assemblage networks identify regional connectivity patterns in the Northwest Pacific. *Ecology and Evolution*, **12**(12): e9612. DOI: 10.1002/ece3.9612 [Preprint available on *bioRxiv*, DOI: 10.1101/2022.07.20.500901]
106. Zhong Z, Lan Y, **Chen C**, Zhou Y, Linse K, Li R, Sun J* (2022). New mitogenomes in deep-water endemic Cocculinida and Neomphalida shed light on lineage-specific gene orders in major gastropod clades. *Frontiers in Ecology and Evolution*, **10**: 973485. DOI: 10.3389/fevo.2022.973485
105. **Chen C***, Hilário A, Rodrigues CF, Ramirez-Llodra E (2022). Integrative taxonomy of a new cocculinid limpet dominating the Aurora vent field in the central Arctic ocean. *Royal Society Open Science*, **9**(10):

220885. DOI: 10.1098/rsos.220885
104. Isobe N*, Kaku Y, Okada S, Kawada S, Tanaka K, Fujiwara Y, Nakajima R, Bissessur D, **Chen C** (2022). Identification of chitin allomorphs in poorly crystalline samples based on the complexation with ethylenediamine. *Biomacromolecules*, **23**(10): 4220-4229. DOI: 10.1021/acs.biomac.2c00714 [Preprint available on *ChemRxiv*, DOI: 10.26434/chemrxiv-2022-5mj8x-v2]
 103. Okada S*, **Chen C** (2022). A novel cryogenic adhesive retaining fluidity at dry-ice temperature for low-temperature scanning electron microscopy. *Microscopy and Microanalysis*, **28**(6): 2009-2019. DOI: 10.1017/S1431927622012296
 102. **Chen C***, Watanabe HK, Gena K, Johnson SB (2022). Anatomical shifts linked with unusual diets in deep-sea snails. *Ecology*, **104**(1): e3847. DOI: 10.1002/ecy.3847
 101. Okada S*, **Chen C**, Watanabe HK, Isobe N, Takai K (2022). Unusual bromine enrichment in the gastric mill and setae of the hadal amphipod *Hirondellea gigas*. *PLOS ONE*, **17**(8): e0272032. DOI: 10.1371/journal.pone.0272032
 100. Mizuno K*, Nomaki H, **Chen C**, Seike K (2022). Deep-sea infauna with calcified exoskeletons imaged *in situ* using a new 3D acoustic coring system (A-core-2000). *Scientific Reports*, **12**: 12101. DOI: 10.1038/s41598-022-16356-3
 99. Methou P*, **Chen C**, Watanabe HK, Cambon M-A, Pradillon F* (2022). Reproduction in deep-sea vent shrimps is influenced by diet, with rhythms apparently unlinked to surface production. *Ecology and Evolution*, **12**: e9076. DOI: 10.1002/ece3.9076 [Preprint available on *bioRxiv*, DOI: 10.1101/2021.09.10.456763]
 98. **Chen C***, Watanabe HK (2022). A new provannid snail discovered from Northwest Eifuku Volcano, Mariana Arc. *ZooKeys*, **1112**(5): 123-137. DOI: 10.3897/zookeys.1112.85950
 97. Lan Y, Sun J, **Chen C**, Wang H, Xiao Y, Perez M, Yang Y, Kwan YH, Sun Y, Zhou Y, Han X, Miyazaki J, Watsuji T-o, Bissessur D, Qiu J-W, Takai K, Qian P-Y* (2022). Endosymbiont population genomics sheds light on transmission mode, partner specificity, and stability of the scaly-foot snail holobiont. *The ISME Journal*, **16**: 2132-2143. DOI: 10.1038/s41396-022-01261-4
 96. Isobe N, **Chen C**, Daicho K, Saito T, Bissessur D, Takai K, Okada S* (2022). Uniaxial orientation of β -chitin nanofibres used as an organic framework in the scales of a hot vent snail. *Journal of the Royal Society Interface*, **19**(191): 20220120. DOI: 10.1098/rsif.2022.0120
 95. Jimi N*, **Chen C**, Fujiwara Y (2022). Two new species of *Branchinotogluma* (Polynoidae: Annelida) from chemosynthesis-based ecosystems in Japan. *Zootaxa*, **5138**(1): 17-30. DOI: 10.11646/zootaxa.5138.1.2
 94. Zhou Y# / **Chen C**#, Zhang D, Wang Y, Watanabe HK, Sun J, Bissessur D, Zhang R, Han Y, Sun D, Xu P, Lu B, Zhai H, Han X, Tao C, Qiu Z, Sun Y, Liu Z, Qiu J-W, Wang C* (2022). Delineating biogeographic regions in Indian Ocean deep-sea vents and implications for conservation. *Diversity and Distributions*, **28**(12): 2858-2870. DOI: 10.1111/ddi.13535
 93. Ogawa A*, Jimi N, Hiruta SF, **Chen C**, Kobayashi I, Pratama GA, Tanaka H, Okanishi M, Komatsu H, Ikebara M (2022). Taxonomy and distribution of deep benthos collected in and around the Southern Ocean during the 30th Anniversary Expeditions of R/V *Hakuho Maru*: Annelida, Mollusca, Ostracoda, Decapoda, and Echinodermata. *Polar Science*, **32**: 100846. DOI: 10.1016/j.polar.2022.100846
 92. Methou P*, Hikosaka M, **Chen C**, Watanabe HK, Miyamoto N, Makita H, Jenkins RG (2022). Symbiont community composition in *Rimicaris kairei* shrimps from Indian Ocean vents with notes on mineralogy. *Applied and Environmental Microbiology*, **88**(8): e00185-22. DOI: 10.1128/aem.00185-22
 91. Kato N# / **Chen C**#*, Watanabe HK, Yamamoto M, Shimomura M (2022). The first deep-sea bopyrid isopod from hydrothermal vents: *Pleurocryptella shinkai* sp. nov. (Isopoda: Bopyridae) parasitizing *Shinkaia crosnieri*. *Zoological Science*, **39**(3): 293. DOI: 10.2108/zs210117
 90. Amon DJ*, Gollner S, Morato T, Smith CR, **Chen C**, Christiansen S, Currie B, Drazen JC, Fukushima T, Gianni M, Gjerde K, Gooday AJ, Grillo GG, Haeckel M, Joyini T, Ju S-J, Levin L, Metaxas A, Mianowicz K, Molodstova T, Narberhaus I, Orcutt B, Swaddling A, Tuhumwire J, Palacio PU, Walker M, Weaver P, Xu X-W, Mulalap CY, Edwards PET, Pickens C (2022). Assessment of scientific gaps related to the effective environmental management of deep-seabed mining. *Marine Policy*, **138**: 105006. DOI: 10.1016/j.marpol.2022.105006
 89. Yang Y, Sun J, **Chen C**, Zhou Y, Van Dover CL, Wang C, Qiu J-W, Qian P-Y* (2022). Metagenomic and metatranscriptomic analyses reveal minor-yet-crucial roles of gut microbiome in deep-sea hydrothermal vent snail. *Animal Microbiome*, **4**: 3. DOI: 10.1186/s42523-021-00150-z
 88. **Chen C***, Zhou Y*, Watanabe HK, Zhang R, Wang C (2021). Neolepetopsid true limpets (Gastropoda: Patellogastropoda) from Indian Ocean hot vents shed light on relationships among genera. *Zoological Journal of the Linnean Society*, **194**(1): 276-296. zlab081. DOI: 10.1093/zoolinnean/zlab081
 87. Thomas EA*, Böhm M, Pollock C, **Chen C**, Seddon M, Sigwart JD (2021). Assessing the extinction risk of insular, under-studied marine species. *Conservation Biology*, **36**(2): e13854. DOI: 10.1111/cobi.13854

86. Chen C[#] / Lin T-H^{**}, Watanabe HK, Akamatsu T, Kawagucci S (2021). Baseline soundscapes of deep-sea habitats reveal heterogeneity among ecosystems and sensitivity to anthropogenic impacts. *Limnology and Oceanography*, **66**: 3714-3727. DOI: 10.1002/lno.11911
85. Xu T, Wang Y, Sun J, Chen C, Watanabe HK, Chen J, Qian P-Y*, Qiu J-W* (2021). Hidden historical habitat-linked population divergence and contemporary gene flow in a deep-sea patellogastropod limpet. *Molecular Biology and Evolution*, **38**(12): 5640-5654. DOI: 10.1093/molbev/msab278
84. Chen C*, Nomaki H (2021). Noteworthy observations and records of rare bathyal gastropods from unusual habitats in Sagami Bay, Japan. *Marine Biodiversity*, **51**: 66. DOI: 10.1007/s12526-021-01212-w
83. Yeung YH* / Xie JY*, Zhao Y, Yu HY, Chen C, Lu WW, Qiu J-W* (2021). Rapid external erosion of coral substrate in subtropical Hong Kong waters. *Marine Pollution Bulletin*, **169**: 112495. DOI: 10.1016/j.marpolbul.2021.112495
82. Chen C*, Han Y, Copley JT, Zhou Y* (2021). A new peltospirid snail (Gastropoda: Neomphalida) adds to the unique biodiversity of Longqi vent field, Southwest Indian Ridge. *Journal of Natural History*, **55** (13-14): 851-866. DOI: 10.1080/00222933.2021.1923851
81. Sigwart JD*, Lindberg DR, Chen C, Sun J (2021). Molluscan phylogenomics requires strategically selected genomes. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **376**(1825): 20200161. DOI: 10.1098/rstb.2020.0161
80. Sun J, Li R, Chen C, Sigwart JD, Kocot K* (2021). Benchmarking Oxford Nanopore read assemblers for high-quality molluscan genomes. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **376**(1825): 20200160. DOI: 10.1098/rstb.2020.0160 [Preprint available on *bioRxiv*, DOI: 10.1101/2020.12.31.424979]
79. Houart R*, Moe CO, Chen C* (2021). Living species of the genera *Chicomurex* Arakawa, 1964 and *Naquetia* Jousseaume, 1880 (Gastropoda: Muricidae) in the Indo-West Pacific. *Novapex*, **22** (Special Issue 14): 1-52.
78. Watanabe HK*, Chen C, Nishi E, Ohara Y (2021). Cryptic diversity of the tube-dwelling polychaete *Phyllochaetopterus* in the Shinkai Seep Field, Mariana Trench. *Plankton and Benthos Research*, **16**(1): 73-77. DOI: 10.3800/pbr.16.73
77. Lan Y, Sun J, Chen C, Sun Y, Zhou Y, Yang Y, Zhang W, Li R, Zhou K, Wong WC, Kwan YH, Cheng A, Bougouffa S, Van Dover CL, Qiu J-W, Qian P-Y* (2021). Hologenome analysis reveals dual symbiosis in the deep-sea hydrothermal vent snail *Gigantopelta aegis*. *Nature Communications*, **12**: 1165. DOI: 10.1038/s41467-021-21450-7 [Preprint available on *bioRxiv*, DOI: 10.1101/2020.09.23.308304]
76. Watanabe HK*, Chen C, Chan BKK* (2021). A new deep-sea hot vent stalked barnacle from the Mariana Trough with notes on the feeding ecology of *Vulcanolepas*. *Marine Biodiversity*, **51**(1): 9. DOI: 10.1007/s12526-020-01144-x
75. Chen C*, Xu T, Fraussen K, Qiu J-W (2020). Integrative taxonomy of enigmatic deep-sea true whelks in the sister-genera *Enigmaticolus* and *Thermosiphon* (Gastropoda: Buccinidae). *Zoological Journal of the Linnean Society*, **193**(1): 230-240. DOI: 10.1093/zoolinnean/zlaa134
74. Xiao Y* / Xu T*, Sun J, Wong WC, Kwan YH, Chen C, Qiu J-W*, Qian P-Y* (2020). Population genetic structure and gene expression plasticity of the deep-sea vent and seep squat lobster *Shinkaia crosnieri*. *Frontiers in Marine Science*, **7**: 587686. DOI: 10.3389/fmars.2020.587686
73. Nomaki H*, Chen C, Oda K, Tsuchiya M, Tame A, Uematsu K, Isobe N (2020). Abundant chitinous structures in *Chilostomella* (Foraminifera, Rhizaria) and their potential functions. *Journal of Eukaryotic Microbiology*, **68**: e12828. DOI: 10.1111/jeu.12828
72. Chen C*, Watanabe HK (2020). Substrate-dependent shell morphology in a deep-sea vetigastropod limpet. *Marine Biodiversity*, **50**(6): 104. DOI: 10.1007/s12526-020-01135-y
71. Linse K, Sigwart JD*, Chen C, Krylova EM (2020). Ecophysiology and ecological limits of symbiotic vesicomyid bivalves (Pliocardiinae) in the Southern Ocean. *Polar Biology*, **43**(10): 1423-1437. DOI: 10.1007/s00300-020-02717-z
70. Ip JC-H, Xu T, Sun J, Li R, Chen C, Lan Y, Han Z, Zhang H, Wei J, Wang H, Tao J, Cai Z, Qian P-Y, Qiu J-W* (2020). Host-endosymbiont genome integration in a deep-sea chemosynthetic clam. *Molecular Biology and Evolution*, **38**(2): 502-518. DOI: 10.1093/molbev/msaa241
69. Sato K*, Watanabe HK, Jenkins RG, Chen C (2020). Phylogenetic constraint and phenotypic plasticity in the shell microstructure of vent and seep pectinodontid limpets. *Marine Biology*, **167**: 79. DOI: 10.1007/s00227-020-03692-z
68. Chen C*, Linse K (2020). From wood to vent: first coccinellid limpet associated with hydrothermal activity discovered in the Weddell Sea. *Antarctic Science*, **32**(5): 354-366. DOI: 10.1017/S095410202000022X
67. Wang Z, Xu T, Zhang Y, Zhou Y, Liu Z, Chen C, Watanabe HK, Qiu J-W* (2020). Molecular phylogenetics and morphological analyses of the ‘monospecific’ *Hesiolyra* (Annelida: Hesionidae) reveal two new species. *Deep-Sea Research Part I: Oceanographic Research Papers*, **166**: 103401. DOI:

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66. Watanabe HK*, **Chen C**, Kojima S, Kato S, Yamamoto H (2020). Population connectivity of the crab *Gandalfus yunohana* (Takeda, Hashimoto & Ohta, 2000) (Decapoda, Brachyura: Bythograeidae) from deep-sea hydrothermal vents in the northwestern Pacific. *Journal of Crustacean Biology*, **40**(5): 556-562. DOI: 10.1093/jcbiol/ruaa045
 65. Sun J# / **Chen C**# / Miyamoto N#, Li R, Sigwart JD, Xu T, Sun Y, Wong WC, Ip JCH, Zhang W, Lan Y, Bissessur D, Watsuji T-o, Watanabe HK, Takaki Y, Ikeo K, Fujii N, Yoshitake K, Qiu J-W, Takai K*, Qian P-Y* (2020). The Scaly-foot Snail genome and implications for the origins of biomineralised armour. *Nature Communications*, **11**: 1657. DOI: 10.1038/s41467-020-15522-3
 64. Okanishi M*, Kato M, Watanabe HK, **Chen C**, Fujita T (2020). Large populations of two new species of *Ophiambix* (Echinodermata, Ophiuroidea) discovered on Japanese hot vents and cold seeps. *Raffles Bulletin of Zoology*, **68**: 196-213. DOI: 10.26107/RBZ-2020-0017
 63. Sun J# / Zhou Y#, **Chen C**, Kwan YH, Sun Y, Wang X, Yang L, Zhang R, Wei T, Yang Y, Qu L, Sun C*, Qian P-Y* (2020). Nearest vent, dearest friend: Biodiversity of Tiansheng vent field reveals cross-ridge similarities in the Indian Ocean. *Royal Society Open Science*, **7**: 200110. DOI: 10.1098/rsos.200110
 62. Zhu F-C, Sun J, Yan G-Y, Huang J-M, **Chen C**, He L-S* (2020). Insights into the strategy of micro-environmental adaptation: Transcriptomic analysis of two alvinocaridid shrimps at a hydrothermal vent. *PLOS ONE*, **15**(1): e0227587. DOI: 10.1371/journal.pone.0227587
 61. Yahagi T*, **Chen C**, Kawagucci S* (2019). What we know, what we can know, and what we will never know about the larval dispersal process at deep-sea chemosynthetic ecosystems. *Oceanography in Japan*, **28**: 97-125. DOI: 10.5928/kaiyou.28.4-5-6_97 [In Japanese with English abstract]
 60. Linse K*, Copley JT, Connelly DP, Larter RD, Pearce DA, Polunin NVC, **Chen C**, Clarke A, Glover A, Graham AGC, Huvenne VAI, Marsh L, Reid WDK, Roterman CN, Sweeting CJ, Zwirglmaier K, Tyler PA (2019). Fauna of the Kemp Caldera and its upper bathyal hydrothermal vents (South Sandwich Arc, Antarctica). *Royal Society Open Science*, **6**(11): 191501. DOI: 10.1098/rsos.191501
 59. Zhou Y, **Chen C**, Watanabe HK, Zhang R, Wang C* (2019). *Amphisamytha* (Annelida: Ampharetidae) from Indian Ocean hydrothermal vents: biogeographic implications. *Deep-Sea Research Part I: Oceanographic Research Papers*, **154**: 103148. DOI: 10.1016/j.dsr.2019.103148
 58. Lin T-H** / **Chen C**#, Watanabe HK, Kawagucci S, Yamamoto H, Akamatsu T (2019). Using soundscape to assess deep-sea benthic ecosystems. *Trends in Ecology & Evolution*, **34**(12): 1066-1069. DOI: 10.1016/j.tree.2019.09.006
 57. Lan Y, Sun J, Zhang W, Xu T, Zhang Y, **Chen C**, Feng D, Wang H, Tao J, Qiu J-W, Qian P-Y* (2019). Host-symbiont interactions in deep-sea chemosymbiotic vesicomyid clams: insights from transcriptome sequencing. *Frontiers in Marine Science*, **6**: 680. DOI: 10.3389/fmars.2019.00680
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 55. Linse K# / Nye V#, Copley JT, **Chen C*** (2019). On the systematics and ecology of two new species of *Provanna* (Abyssochrysoidea: Provannidae) from deep-sea hydrothermal vents in the Caribbean Sea and Southern Ocean. *Journal of Molluscan Studies*, **85**(4): 425-438. DOI: 10.1093/mollus/eyz024
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6. Chen C*, Copley JT, Linse K, Rogers AD, Sigwart J (2015). The heart of a dragon: 3D anatomical reconstruction of the 'scaly-foot gastropod' (Mollusca: Gastropoda: Neomphalina) reveals its extraordinary circulatory system. *Frontiers in Zoology*, **12**:13. DOI: 10.1186/s12983-015-0105-1
5. Nakajima R*, Yamamoto H, Kawagucci S, Takaya Y, Nozaki T, Chen C, Fujikura K, Miwa T, Takai K (2015). Post-drilling changes in seabed landscape and megabenthos in a deep-sea hydrothermal system, the Iheya North field, Okinawa Trough. *PLOS ONE*, **10**(4), e0123095. DOI: 10.1371/journal.pone.0123095
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3. Nakamura M*, Chen C, Mitarai S (2015). Insights into life-history traits of *Munidopsis* spp. (Anomura: Munidopsidae) from hydrothermal vent fields in the Okinawa Trough, in comparison with the existing data. *Deep-Sea Research Part I: Oceanographic Research Papers*, **100**: 48-53. DOI: 10.1016/j.dsr.2015.02.007
2. Chen C*, Copley JT, Linse K, Rogers AD, Sigwart J (2015). How the mollusc got its scales: convergent evolution of the molluscan scleritome. *Biological Journal of the Linnean Society*, **114**: 949-954. DOI: 10.1111/bij.12462
1. Houart R*, Moe CO, Chen C (2014). *Chicomurex lani* sp. nov. (Gastropoda: Muricidae), a new species and its intricate history. *Bulletin of Malacology, Taiwan*, **37**: 1-14.

OTHER PUBLICATIONS (NON PEER-REVIEWED)

= Co-first Authors; * = Corresponding Author(s)

6. Kaiser S*, Sigwart J, Niamir A, Saeedi H, Chen C, Hilário A, Horton T, Howell K, Levin L, Osborn K, Brandt A* (2022). Diving through the darkness: Species information is vital for effective marine conservation. *Senckenberg Policy Brief*, **12**/2022. DOI: 10.5281/zenodo.7373440
5. Watanabe HK*, Chen C, Miyazaki J, Okubo T, Takai K, YK19-10 Cruise Participants (2020). The 'GACHINKO Cruise': Educating, empowering, and enthraling the next generation with real cruise experience. *Deep-Sea Life*, **15**: 7-8.
4. Chen C*, Parkinson DY, Sigwart JD (2018). Project focus: High-resolution 3D anatomy with a particle accelerator. *Deep-Sea Life*, **11**: 8.
3. Watanabe HK*, Chen C, Jenkins RG, Nobuhara T (2017). Workshop report: Evolution of chemosynthesis-based ecosystems. *Deep-Sea Life*, **10**: 25.
2. Chen C* (2017). Annual award winner report: Systematics, ecology, and evolution of hydrothermal vent endemic peltospirids (Mollusca: Gastropoda) from the Indian and Southern oceans. *The Malacologist*, **68**: 22-24.
1. Chen C* (2014). Molluscs found in hydrothermal vents of Okinawa Trough: Extreme species living in a poisonous paradise. *The Festivus*, **45**(3): 75-81.

RESEARCH EXPEDITIONS

2023/07
Yokosuka – Yokosuka
2023/06~2023/07

R/V YOKOSUKA Cruise YK23-12
Vents and seeps, w/ DSV SHINKAI 6500 (Dived #1704)
R/V KAIMEI Cruise KM23-08, 09C

Yokosuka – Yokosuka	Izu-Ogasawara Arc vents w/ ROV KM-ROV
2023/05~2023/06	R/V YOKOSUKA Cruise YK23-09C
Yokosuka – Yokosuka	Vents, seeps, and abyssal plain w/ DSV SHINKAI 6500 (Dived #1690)
2023/04	R/V YOKOSUKA Cruise YK23-06
Yokosuka – Naha	Okinawa Trough hot vents w/ DSV SHINKAI 6500 (Dived #1681)
2023/02~2023/03	R/V KAIMEI Cruise KM23-05
Yokosuka – Yokosuka	Vents and serpentinite seeps w/ ROV KM-ROV and BMS Drilling System
2022/10~2022/11	R/V YOKOSUKA Cruise YK22-19C
Yokosuka – Yokosuka	Vents, seeps, and abyssal plain w/ DSV SHINKAI 6500 (Dived #1657, 1661)
2022/09	R/V KAIMEI Cruise KM22-11C
Tokyo Odaiba – Yokosuka	Izu-Ogasawara Arc vents w/ ROV KM-ROV
2022/07~2022/09	R/V SONNE Cruise SO293 “AleutBio”
Dutch Harbor – Vancouver	Aleutian Trench and Bering Sea w/ Agassiz Trawl, Epibenthic Sledge, etc.
2022/05~2022/06	R/V YOKOSUKA Cruise YK22-10C
Yokosuka – Yokosuka	Vents, seeps, and abyssal plain w/ DSV SHINKAI 6500 (Dived #1634)
2022/03	R/V YOKOSUKA Cruise YK22-05 ‘GACHINKO’ Cruise Episode #03
Yokosuka – Yokosuka	Hydrothermal vents, Izu-Ogasawara w/ DSV SHINKAI 6500 (Dived #1617)
2022/02	R/V SHINSEI-MARU Cruise KS-22-2
Yokosuka – Yokosuka	Vent and seep w/ ROV HYPER-DOLPHIN
2021/09~2021/10	R/V YOKOSUKA Cruise YK21-18C
Yokosuka – Yokosuka	Vents, seeps, and abyssal plain w/ DSV SHINKAI 6500 (Dived #1602, #1604)
2021/08	R/V YOKOSUKA Cruise YK21-15C
Yokosuka – Yokosuka	Hydrocarbon seeps w/ DSV SHINKAI 6500
2021/05	R/V YOKOSUKA Cruise YK21-08C
Yokosuka – Yokosuka	Vents, seeps, and abyssal plain w/ DSV SHINKAI 6500 (Dived #1594, #1596)
2021/03	R/V YOKOSUKA Cruise YK21-04 ‘GACHINKO’ Cruise Episode #02
Yokosuka – Yokosuka	Hydrothermal vents, Izu-Ogasawara w/ DSV SHINKAI 6500 (Dived #1578)
2021/02	R/V KAIMEI Cruise KM21-E02
Yokosuka – Yokosuka	Sagami Bay, including hydrocarbon seeps w/ ROV KM-ROV
2021/01	R/V SHINSEI-MARU Cruise KS-21-2
Yokosuka – Yokosuka	Kaitoku Seamount and Nishinoshima Island w/ ROV Hyper-Dolphin
2019/08	R/V YOKOSUKA Cruise YK19-10 ‘GACHINKO’ Cruise Episode #01
Tokyo – Chichijima	Hydrothermal vents, Izu-Ogasawara w/ DSV SHINKAI 6500 (Dived #1549)
2019/01	R/V SHINSEI-MARU Cruise KS-19-1
Naha – Kagoshima	Hydrothermal vents and CO ₂ sites, Okinawa Trough w/ ROV Hyper-Dolphin
2018/10	R/V YOKOSUKA Cruise YK18-E02C w/ DSV SHINKAI 6500 (Dived #1525)
Beppu – Yokosuka	Manganese crust exploration; First ever SHINKAI 6500 single-pilot dive
2018/09	M/Y AXIS w/ acrylic hulled HOV TRITON 3300/3 Mk. II (Three dives)
Freeport, Bahamas	Exploring underwater cliffs off Freeport, Grand Bahamas Island, Bahamas
2018/07~2018/08	R/V KAIMEI Cruise KM18-07C
Yokosuka – Okinawa	Hydrothermal vents, Okinawa Trough w/ KAIMEI ROV & VMPS
2018/02~2018/03	R/V KAIREI Cruise KR18-03C
Yokosuka – Kagoshima	Hydrothermal vents, Okinawa Trough w/ ROV KAIKO (Vehicle Mk-IV)
2017/10	R/V MIRAI Cruise MR17-07C
Hachinohe–Nakagusuku	Okinawa Trough vents w/ Vertical Multi-layer Plankton Sampler
2017/08	R/V YOKOSUKA Cruise YK17-17
Naha – Ishigaki	Hydrothermal vents, Okinawa Trough w/ DSV SHINKAI 6500
2016/11~2016/12	R/V KAIREI Cruise KR16-16
Naha – Kagoshima	Hydrothermal vents, Okinawa Trough w/ ROV KAIKO (Vehicle Mk-IV)
2016/10~2016/11	R/V KAIREI Cruise KR16-14
Saipan – Naha	Shinkai Seep Field (Mariana Trench) w/ ROV KAIKO (Vehicle Mk-IV)
2016/06~2016/07	R/V KAIMEI Cruise KM16-04
JAMSTEC – JAMSTEC	Sagami Bay hydrocarbon seep w/ ROV HYPER-DOLPHIN & KAIMEI ROV
2016/04	R/V KAIMEI Cruise KM16-01
JAMSTEC – JAMSTEC	Sagami Bay and Suruga Bay w/ KAIMEI ROV
2016/02~2016/03	R/V YOKOSUKA Cruise YK16-E02
Mauritius – Mauritius	Indian Ocean hot vents w/ DSV SHINKAI 6500 (Dived #1457)
2016/01	R/V YOKOSUKA Cruise YK16-E01
Mauritius – Mauritius	Indian Ocean hot vents w/ AUV URASHIMA

2015/11	R/V KAIREI Cruise KR15-17
Naha – Naha	Hydrothermal vents, Okinawa Trough w/ ROV KAIKO (Vehicle Mk-IV)
2015/10~2015/11	R/V KAIREI Cruise KR15-16
Naha – Naha	Hydrothermal vents, Okinawa Trough w/ ROV KAIKO (Vehicle Mk-IV)
2015/07~2015/08	R/V NATSUSHIMA Cruise NT15-13
Kumamoto–Kagoshima	Hydrothermal vents, Okinawa Trough w/ ROV HYPER-DOLPHIN
2014/02	R/V KAIYO Cruise KY14-02
Naha – Naha	Hydrothermal vents, Okinawa Trough w/ ROV HYPER-DOLPHIN
2014/01	R/V KAIYO Cruise KY14-01
Yokohama – Naha	Hydrothermal vents, Okinawa Trough w/ ROV HYPER-DOLPHIN
2012/12~2013/01	RRS James Cook Cruise JC80
Punta Arenas – Montevideo	Hydrothermal vents, E2 & E9 Segments, East Scotia Ridge w/ ROV Isis
2011/11	RRS James Cook Cruise JC67
Within JC66	Hydrothermal vents, South West Indian Ridge w/ ROV Kiel6000
2011/11~2011/12	RRS James Cook Cruise JC66
Cape Town – Port Elizabeth	Seamounts, South West Indian Ridge w/ ROV Kiel6000

Total = 536 days on-board

FUNDING RECEIVED

2022	SYNTHESYS+ Transnational Access <i>Getting to the heart of symbioses: exploring anatomical adaptations in the circulatory system across chemosymbiotic molluscs</i> (Project Number DE-TAF-8158) PI EUR€3,464.49; Host: Prof. Julia D. Sigwart (Senckenberg Research Institute and Museum Frankfurt, Germany)
2022 (~2025)	Hong Kong Research Grants Council (HKRGC) General Research Fund <i>Shell DNA as an archive of phylogenetics, population genetics, and symbiosis in deep-sea clams</i> (Project Number 12102222) Co-PI HK\$1,075,474; With Prof. Jian-Wen Qiu (Hong Kong Baptist University) and Dr. Crispin Little (University of Leeds).
2021 (~Ongoing)	Wellcome Sanger Institute / Gordon & Betty Moore Foundation Aquatic Symbiosis Project <i>Symbiosis as a driver for molluscan diversity</i> , Named Collaborator Sequencing and assembly costs for 100 host and symbiont genomes; Led by Dr. Jillian Petersen (University of Vienna), Dr. Roxanne Beinart (University of Rhode Island), and Dr. Julia Sigwart (Senckenberg Research Institute)
2019 (~2022)	Hong Kong Research Grants Council (HKRGC) General Research Fund <i>Uncovering the scaly-foot snail genome to reveal how molluscs generate evolutionary novelties</i> (Project Number 16101219) Co-PI HK\$1,088,515; With Dr. Jin Sun (Hong Kong University of Science and Technology).
2018/10 (~2020/09)	Mohamed bin Zayed Species Conservation Fund <i>A Red List for molluscs from hydrothermal vents in the Indian Ocean</i> (Project Number 182518473) Co-PI US\$8,000; With Dr. Julia D. Sigwart (Queen's University Belfast).
2018/04 (~2021/03)	JSPS Grant-in-Aid for Scientific Research (“KAKENHI”) <i>Does planktonic larval dispersal generate diversity in deep-sea benthic invertebrate animals?</i> (Grant Number 18K06401) Co-PI ¥4,420,000; PI: Dr. Hiromi Watanabe (JAMSTEC).
2018/01	JSPS Postdoctoral Fellowship for Research in Japan (Standard) <i>Quantitative analyses of adaptations to the deep-sea using synchrotron CT and 3D reconstruction</i> (Supervised by Dr. Takenori Sasaki, The University of Tokyo) ¥8,688,000; Declined to take up a Tenure-Track Scientist position instead
2017/07 (~2018/03)	SPRING-8 Synchrotron Priority Research Proposal: Social Interest (2017B1767) <i>Quantifying molluscan anatomy through 3D visualization: Elucidating useful</i>

	<i>criteria for inferring feeding modes of extinct taxa</i> Co-proponent (w/ Dr. Takenori Sasaki, The University of Tokyo)
2017/06 (~2019/05)	Advanced Light Source Standard Synchrotron Proposal (ALS-09238) <i>3D visualization and quantification of molluscan digestive systems: An evaluation of criteria to infer feeding habits from digestive tract morphology</i> Co-proponent (w/ Dr. Takenori Sasaki, The University of Tokyo)
2017/02 (~2017/10)	SPring-8 Synchrotron Priority Research Proposal: Social Interest (2017A1720) <i>Testing correlation between alimentary canal structure and feeding mode: Towards reconstruction of feeding in extinct molluscs</i> Co-proponent (w/ Dr. Takenori Sasaki, The University of Tokyo)
2016/05 (~2016/10)	Advanced Light Source RAPIDD Synchrotron Proposal (ALS-RA-00172) <i>Internal anatomy of the deep-sea chemosymbiotic snail Gigantopelta</i> Proponent / Experiment Leader
2015/05 (~ 2018/04)	JAMSTEC International Postdoctoral Fellowship Research Funds <i>Research funding associated JAMSTEC International Postdoctoral Fellowship</i> ¥1,000,000 (FY2015/16); ¥500,000 (FY2016/17-FY2017/18)
2014/12	Research Grant, Conchological Society of Great Britain and Ireland <i>Revealing cryptic diversity of hot-vent skeneiform gastropods of Okinawa Trough</i> Proponent / Experiment Leader, £992.02
2014/03	Research Grant, Malacological Society of London <i>Characterisation of the extraordinary circulatory system of the scaly-foot gastropod</i> Proponent / Experiment Leader, £1500.00
2013/12	InterRidge Cruise Travel Bursary, <i>Funding to join JAMSTEC research cruises KY14-01 and KY14-02, US\$2,000.00</i> Counterparts: Dr. Hiromi Watanabe & Dr. Ken Takai (JAMSTEC)
2013/12	Supplementary Travel Grant Merton College, University of Oxford, £300.00
2013/12	Graduate Research Expenses Grant University of Oxford, £300.00
2013/06	Graduate Research Expenses Grant University of Oxford, £285.00
2013/04	Unitas Malacologica Travel Grant 2013 <i>Funding to attend the World Congress of Malacology 2013, Portugal, €400.00</i>
2012/11	Research Teaching Support Grant Department of Zoology, University of Oxford, £1,200.00
2012/11	Supplementary Travel Grant Merton College, University of Oxford, £300.00
2012/04	Research Teaching Support Grant , Dept. Zoology, Oxford Univ., Department of Zoology, University of Oxford, £2,306.00
2011/12	Supplementary Travel Grant Merton College, University of Oxford, £300.00
2010/06	Vacation Laboratory Studentship St Anne's College, University of Oxford, £500.00
2010/06	JCR Research & Travel Grant St Anne's College, University of Oxford, £250.00

LEARNED SOCIETIES

2015 ~ Present	Deep-Sea Biology Society
2018~2021	Society Trustee
2015~	Member
2012 ~ Present	Conchological Society of Great Britain and Ireland
	Member

2012 ~ Present	Malacological Society of London
2015~	Honorary Officer and Council Member
2012~	Member
2015 ~ 2021	Malacological Society of Japan
	Member
2016 ~ 2018	Japan Geoscience Union
	Member

EDITORIAL ROLES

2020/08 ~ Present	Marine Biodiversity, Associate Editor Phylum Mollusca
2017/07 ~ Present	Frontiers in Marine Science, Associate Editor Section: <i>Marine Evolutionary Biology, Biogeography and Species Diversity</i>

AWARDS RECEIVED

2021/04	Research & Development Achievement Award, JAMSTEC For significant contributions toward understanding the evolution, ecology, and physiology of deep-sea animals by a combination of morphological and genomic analyses
2019/11	Advanced Imaging Society Lumiere Japan Virtual Reality Special Award 2019 Awarded to the JAMSTEC 'VR in Deep Sea – Step on Seabed' programme produced by JAMSTEC PR, in which I played a scientific supervisory role
2018/04	WoRMS "10 Astounding Marine Species of the Last Decade (2007~2017)" Awarded to the Scaly-foot Snail <i>Chrysomallon squamiferum</i> Chen <i>et al.</i> , 2015 and the lead-authored paper describing it
2018/04	Award of Excellence 12th "Beauty" in Science and Technology Panel Exhibition (2018) For the photograph "Scenery in Edmond field, Indian Ocean"
2016/04	Voted by the public; award by Japan Science and Technology Agency Annual Award (Year 2015/2016), Malacological Society of London For an exceptionally promising initial contribution to the study of molluscs
2015/06	The Best Oral Presentation Award International Conference on Biodiversity, Ecology and Conservation of Marine Ecosystems 2015 (BECoME 2015), Hong Kong
2013/07	The Best Poster Award World Congress of Malacology 2013, Unitas Malacologica

CONFERENCES / SYMPOSIA

2023/08	Plenary Talk	7th International Symposium on Chemosynthesis-Based Ecosystems (CBE7) Guarujá, São Paulo, Brazil
2022/10	Plenary Talk	15th Annual Meeting of the Japanese Society for Cell Synthesis Research Tokyo Institute of Technology, Japan.
2022/04	Invited Talk	JAMSTEC Achievement Award Winners' Forum Online conference via Zoom
2021/11	Plenary Talk	Symbio2021 (5th Symposium of Japan Symbiosis Society) Online conference via Zoom
2021/09	Poster	16th Deep-sea Biology Symposium (DSBS) Ifremer, Brest, France. Hybrid conference.
2021/06	Invited Talk	Marine Ecology Forum: Discovery and Protection of Deep-Sea Biodiversity Online workshop by Second Institute of Oceanography, China
2020/09	Invited Panel	International Seabed Authority (ISA) Workshop on Deep Sea Taxonomy Online workshop
2020/08	Poster +	eDSBS (Deep-Sea Biology Society Online Conference)

	Session Chair	Online conference via Zoom
2020/06	Invited Talk	IUCN World Conservation Congress 2020 Marseilles, France *POSTPONED DUE TO COVID-19*
2019/11	Keynote Talk	4th InterRidge Theoretical Institute Meeting Banyuls-sur-mer, Pyrénées-Orientales, France
2019/09	Poster	“Pearls of Wisdom” Scientific Meeting, the Royal Society Chicheley Hall, Buckinghamshire, United Kingdom
2019/08	Invited Talk	20th World Congress of Malacology Asilomar, Pacific Grove, California, U.S.A.
2018/09	Plenary Talk + Poster	15th Deep-sea Biology Symposium (DSBS) Monterey, California, U.S.A.
2018/05	Poster	The Malacological Society of Japan Annual Meeting 2018 Tokyo University of Marine Science and Technology, Japan
2018/03	Poster	JAMSTEC Advisory Board Meeting JAMSTEC Yokohama Institute, Kanagawa, Japan
2017/11	Talk	InterRidge-Japan Research Meeting 2017 Atmosphere and Ocean Research Institute, the University of Tokyo, Japan
2017/08	Talk + Poster	6th International Symposium on Chemosynthesis-Based Ecosystems Woods Hole Oceanographic Institute, Massachusetts, USA
2017/05	Talk	JpGU-AGU Joint Meeting 2017 Makuhari Messe, Chiba Prefecture, Japan
2016/07	Talk	19th World Congress of Malacology Penang Island, Penang State, Malaysia
2016/04	Poster	The Malacological Society of Japan Annual Meeting 2016 Toho University (Narashino Campus), Chiba, Japan
2015/10	Talk	2nd InterRidge International Workshop, Circum-Antarctic Ridges Korea Polar Research Institute (KOPRI), Incheon, Republic of Korea
2015/09	Talk	14th Deep-Sea Biology Symposium University of Aveiro, Aveiro, Portugal
2015/08	Poster	Systematics Association Biennial Conference 2015 University of Oxford, England, United Kingdom
2015/06	Talk	1st International Conference on Biodiversity, Ecology and Conservation of Marine Ecosystems (BECoME 2015) University of Hong Kong, Hong Kong SAR
2014/11	Talk + Poster	JAMSTEC International Workshop for Large-scale Research Cruises Yokohama, Japan (<i>Assistant for Chair, Ken Takai: Vent & Seep Systems Session</i>)
2014/10	Talk	3rd World Conference on Marine Biodiversity Qingdao, Shandong Province, China
2014/09	Talk	7th Congress of the European Malacological Societies (EUROMAL) University of Cambridge, England, United Kingdom
2014/02	Talk	JAMSTEC Blue Earth Symposium 2014 Tokyo, Japan, As a part of Dr. Ken Takai's presentation in session BE14-11
2013/11	Talk	British Antarctic Survey Student Science Symposium Cambridge, England, United Kingdom
2013/07	Talk + Poster	18th World Congress of Malacology Ponta Delgada, Azores, Portugal
2012/03	Talk	NERC ChEsSO Consortium Meeting British Antarctic Survey, Cambridge, England, United Kingdom

* Only meetings attended and presented in person are listed.

INVITED SEMINARS

2021/04	Ridge Seminar Series 2021
Invited Seminar	Invited by: Dr. Ana Colaço and Dr. Marjolaine Matabos
2020/07	Oregon Institute of Marine Biology Summer Seminar Series 2020
Invited Seminar	Invited by: Prof. Craig Young
2019/03	Hiroo Gakuen Junior & Senior High School, Tokyo
Invited Lecture	Lectures at ‘Super Academia 2019’
2018/11	Second Institute of Oceanography (SIO), China

Invited Seminar	Invited by: Dr. Yadong Zhou / Dr. Chunsheng Wang
2018/11	Sanya Institute of Deep-Sea Science and Engineering (IDSSE), Hainan Island
Invited Seminar	Invited by: Dr. Haibin Zhang
2018/07	Akita Prefectural University
Graduate School Seminar	Invited by: Prof. Keiju Okano
2017/08	Hong Kong Baptist University
Departmental Seminar	Invited by: Dr. Jian-Wen Qiu
2017/07	4th Hakubutsu Festival! at Japan Science Museum, Tokyo
Public Seminar	Invited by: Organising committee of the Hakubutsu Festival!
2017/03	Kannonzaki Nature Museum, Kanagawa, Japan
Public Seminar	Invited by: Mr. Kazuhiko Yamada
2017/02	Kanagawa Prefectural Museum of Natural History, Japan
Public Seminar	Annual joint seminar series between JAMSTEC and the museum
2016/10	University of California, Berkeley, U.S.A.
Departmental Seminar	University of California Museum of Paleontology
2015/06	Hong Kong University of Science and Technology
Departmental Seminar	Invited by: Prof. Pei-Yuan Qian
2014/12	University of Hong Kong
Departmental Seminar	Invited by: Prof. Kenneth M.Y. Leung
2014/04	Hong Kong Baptist University
Departmental Seminar	Invited by: Dr. Jian-Wen Qiu
2013/05	Atmosphere & Ocean Research Institute, the University of Tokyo, Japan
Symposium	Ecology of Hydrothermal Systems Symposium
2013/05	Japan Agency of Marine-Earth Science and Technology
Departmental Seminar	BioGeos Seminar, invited by Dr. Hiromi Watanabe

TEACHING EXPERIENCE

2018	Practical	Yokohama National University, Japan Course: <i>Ocean and Earth Life Sciences Special Practical</i> Graduate School of Environment and Information Sciences
2018	Lectures	Akita Prefectural University, Japan Course: <i>Frontiers in Life Sciences</i> Graduate School, Faculty of Bioresource Sciences
2017~2018	Lectures	Sophia University, Tokyo, Japan Course: <i>Basic Oceanography and Global Environmental Science</i> Graduate School of Global Environmental Studies
2017/05	Lectures + Field	Universiti Putra Malaysia, Selangor, Malaysia Training Workshop on Intertidal Mollusc Taxonomy Field teaching and three lectures on malacology
2013~14	Curation	Oxford University Natural History Museum, England, United Kingdom Supervising students and volunteers in updating, cataloguing, and database making of the mollusc collection in the museum; every Monday, 10am~4pm
2011~15	Tutorials	University of Oxford, England, United Kingdom A number of tutorials for undergraduates studying the Bachelor of Arts in Biological Sciences course, in Marine Biology and Quantitative Methods

CERTIFICATION / TRAINING

2021/04	Heartsaver CPR AED, American Heart Association Completed training to become a certified first aider.
2018/10	First Aid Course (Standard, Type I), Japan Completed training to become a certified first aider. A requirement for diving in the manned submersible DSV <i>SHINKAI 6500</i> with a single pilot.
2011/10	Personal Survival Techniques Training, Warsash Maritime Academy Completed a sea survival training course approved by the Maritime and Coastguard Agency, U.K.; meeting the requirements of STCW 95 Reg. VI/1,

REFERENCES

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