

March 4 (Mon)					
Session	Chairperson	Time	Speaker	Affiliation	Title
Opening		10:00-10:15			
Keynote	Katsufumi Sato	10:15-10:45	Roxanne Beltran	University of California Santa Cruz	Biologging for the future: how biologists can help solve fundamental ecological questions, from individuals to ecosystems
Oral Session 401	Katsufumi Sato	10:45-11:00	Katie Florko	University of British Columbia	The dynamic interaction between predator and prey drives mesopredator movement and foraging ecology
		11:00-11:15	Nathan Angelakis	University of Adelaide and SARDI (Aquatic Sciences)	Animal-borne video reveals evidence of mother to pup transmission of foraging behaviour in the Australian sea lion
		11:15-11:30	Hannah Williams	Centre for the Advanced Study of Collective Behaviour, Konstanz University	Recording visual perception of social information in-flight to capture information use in movement decisions directly
		11:30-11:45	Soma Tokunaga	Department of Evolutionary Studies of Biosystems, The Graduate University of Advanced Studies, SOKENDAI	Enhanced thermoregulatory ability in regionally endothermic shortfin mako sharks
		11:45-12:00	Luke Cameron	Trinity College Dublin	What a Drag: Estimating the Energetic Cost of Towed Pop-up Satellite Archival (PSAT) Tags for Carcharhinid Sharks
		12:00-12:15	Jamie Darby	University of Liverpool	Inclement weather impairs foraging success in wandering albatrosses
Sponsor Presentation	Katsufumi Sato	12:15-12:22	Little Leonardo	SYOGUN sponsor	
		12:23-12:30	Wildlife Computers	SYOGUN sponsor	
Lunch break		12:30-14:00			
Keynote	Taiki Adachi	14:00-14:30	Emily Bennitt	University of Botswana	Biologging for conservation in changing southern African environments
Oral Session 402	Roxanne Beltran	14:30-14:45	Shannon Coppersmith	University of Adelaide	Chasing sea snakes: Tracking Australia's unique marine reptiles for their conservation
		14:45-15:00	Ying-Chi Chan	Swiss Ornithological Institute	Ontogeny of migration in a partially migratory raptor
		15:00-15:15	Daniel Costa	University of California	The Effects of Multiple Stressors on the Foraging Behavior and Reproductive Success of Elephant Seals
Coffee break		15:15-15:45			

Oral Session 4O3	Daniel Costa	15:45-16:00	Allison Payne	University of California, Santa Cruz	Ethical considerations for bio-logging studies on swimmers, walkers, and flyers
		16:00-16:15	Dominique Berteaux	Université du Québec à Rimouski	A fresh look at the far North: Biologging's transformation of Arctic wildlife insights
		16:15-16:30	Laura McDonnell	Woods Hole Oceanographic Institution	Evaluating the application of shark-borne satellite tags to fill in situ gaps in sea surface temperature monitoring
		16:30-16:45	Charles Bost	CNRS	The early life of juveniles penguins
		16:45-17:00	David Abecasis	Centre of Marine Sciences (CCMAR), University of the Algarve	Unravelling the spatial ecology, connectivity and behaviour of meagre (<i>Argyrosomus regius</i>) in the Atlantic for an adequate management and conservation
Poster Session (Yayoi Auditorium) 4PI		17:30-19:30			

March 5 (Tue)

Session	Chairperson	Time	Speaker	Affiliation	Title
Keynote	Kentaro Sakamoto	08:30-09:00	Ana Sequeira	Australian National University	A global perspective on marine megafauna movement
Oral Session 5O1	Emily Bennitt	09:00-09:15	Seth Cones	1 MIT-WHOI Joint Program in Oceanography/Applied Ocean Science & Engineering, Cambridge, MA, USA	Exploring the cryptic behaviors of squid: multi-dimensional kinematic and postural data explored through magnetometer-magnet coupling
		09:15-09:30	Laura Charlanne	CNRS Institut Pluridisciplinaire Hubert Curien	What happens on land ? First report of at-sea movement and ingestions in molting southern elephant seals <i>Mirounga leonina</i>
		09:30-09:45	Kasper Thorup	University of Copenhagen	Migration of common cuckoos across the entire range
		09:45-10:00	Adam Smith	University of Southern Denmark	Tag-based measurement of auditory brainstem responses during echolocation in freely swimming trained and wild toothed whales.
		10:00-10:15	Sean Burcher	Cellular Tracking Technologies	Tracking Wildlife Movements with Networks of Fixed Radio Receivers
Coffee break		10:15-10:45			
Oral Session 5O2	Akinori Takahashi	10:45-11:00	Jacopo Di Clemente	University of Copenhagen	"How deep is your lunch?": inshore South African Bryde's whales shift attack mode at different depths
		11:00-11:15	Ane Eriksen	Inland Norway University of Applied Sciences	Studying wolf flight responses during experimental human approaches using fine-scale GPS and accelerometer data

Sponsor Presentation	Akinori Takahashi	11:15-11:19	Druid Technology	DAIMYO sponsor	
		11:20-11:24	Ornitela	DAIMYO sponsor	
		11:25-11:29	Technosmart Europe	DAIMYO sponsor	
		11:30-11:34	KoEco	DAIMYO sponsor	
		11:35-11:39	Copernicus Technologies	DAIMYO sponsor	
		11:40-11:44	Biologging Solutions	DAIMYO sponsor	
		11:45-11:49	CLS	DAIMYO sponsor	
		11:50-11:54	Cellular Tracking Technologies	DAIMYO sponsor	
		11:55-11:59	ECOTONE	DAIMYO sponsor	
		12:00-12:04	Lotek Wireless	DAIMYO sponsor	
		12:05-12:09	Tanaka Sanjiro Co	DAIMYO sponsor	
		12:10-12:14	Star-Oddi	DAIMYO sponsor	
		12:15-12:19	CATS	DAIMYO sponsor	
		12:20-12:24	Manitty	DAIMYO sponsor	
		12:25-12:29	Heliot Europe	DAIMYO sponsor	
Lunch break		12:30-14:00			
Keynote	Akinori Takahashi	14:00-14:30	Lei Cao	State Key Laboratory of Urban and Regional Ecology, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences	Novel mapping of the flyway corridors of wildfowl in the East Asian Australasian Flyway
Oral Session 503	Ana Sequeira	14:30-14:45	Connor White	Harvard University	Why stop at one? Using multiple IMU tags to reconstruct fish locomotion
		14:45-15:00	Jade Vacquie-Garcia	Centre d'Etudes Biologiques de Chize, CNRS - LRUUniv	Adaptive foraging capacities of the ice-dependent hooded seal: Tracing 30 years of habitat use and forecasting impacts of future global warming
		15:00-15:15	Autumn-Lynn Harrison	Smithsonian's National Zoo & Conservation Biology Institute	The collective application of tracking data to shorebird conservation
Coffee break		15:15-15:45			
Oral Session 504	Barbara Block	15:45-16:00	Bradley Norman	Murdoch University and ECOCEAN Inc.	Whale sharks in the Anthropocene ocean: Anthropogenic impacts on the habitat and physiology of the world's biggest fish
		16:00-16:15	Naoki Sawada	Kyoto University	Availability of seabird biologging for complementing meteorological observation network

16:15-16:30	Edward Hurme	Max Planck Institute of Animal Behavior	Bats tune migration to local weather conditions
16:30-16:45	Jorge Fontes	Okeanos - Uac	Common remora, anything but ordinary
16:45-17:00	Martin Wikelski	Max Planck Institute of Animal Behavior, Dept. of Migration	Animal passports: Establishing Unique Animal IDs and a Digital Life History Museum for Tracked Wildlife

Poster Session (Yayoi Auditorium)
5PI 17:30-19:30

March 6 (Wed)

Session	Chairperson	Time	Speaker	Affiliation	Title
Keynote	Kagari Aoki	08:30-09:00	Jeremy Goldbogen	Hopkins Marine Station, Stanford University	Integrative Biology at the Largest Scale
Oral Session 6O1	Lei Cao	09:00-09:15	Wenjing Xu	Senckenberg Gesellschaft für Naturforschung	Fencing amplifies individual differences in movement with implications on survival for two migratory ungulates
		09:15-09:30	Ashley Blawas	Stanford University	Catch your breath: Automated breath detection from blue whale kinematic data reveals respiratory patterns of pairs diving synchronously
		09:30-09:45	Ken Yoda	Nagoya University	Peaks and Pelagics: shearwaters risk their lives to fly over high mountains
		09:45-10:00	Amber Diluzio	Moss Landing Marine Labs/San Jose State University	Using a novel bio-logger to analyze the behavioral response of northern elephant seals, <i>Mirounga angustirostris</i> , to an acoustic stressor
		10:00-10:15	Thomas Mueller	Senckenberg Biodiversity and Climate Research Centre	Investigating movement strategies of ravens kleptoparasitizing large carnivores
Coffee break		10:15-10:45			
Oral Session 6O2	Francesca Cagnacci	10:45-11:00	Mathilde Chevallay	Centre d'Etudes Biologiques de Chizé, CNRS	An innovative sonar tag to describe fine-scale predator-prey interactions in deep-diving predators in the Southern ocean
		11:00-11:15	Patrick Miller	University of St Andrews	Fine-scale buoyancy control using onboard gases enables subsurface drifting behaviour of resting sperm whales
		11:15-11:30	Jayson Semmens	Institute for Marine and Antarctic Studies, University of Tasmania	Undulating diving in southern eagle rays results in an increase in muscle temperature during powered ascents

		11:30-11:45	Luis Huckstadt	University of Exeter	Filling a crucial oceanographic observation gap in the Southern Ocean with animal-borne sensors
		11:45-12:00	Takuya Maekawa	Osaka University	AI on Animals: AI-enabled bio-loggers transform animal behavior study in the wild
		12:00-12:15	Paige Wernli	Hawai'i Institute of Marine Biology Shark Research Lab	Fine-scale analysis of tiger shark (<i>Galeocerdo cuvier</i>) seasonal movements around Maui Nui, Hawai'i
		12:15-12:30	Wataru Takeda	Nagoya University	Factors that cause similarity of animal personality linked to foraging behavior within mating pairs and their impact on reproductive success in seabirds.
Lunch break		12:30-14:00			
Keynote	Ken Yoda	14:00-14:30	Yusuke Goto	Nagoya Univ	Bridging bio-logging and physics: unveiling the next frontier in movement ecology
Oral Session 6O3	Jeremy Goldbogen	14:30-14:45	Christophe Guinet	Centre d'Etudes Biologiques de Chizé-CNRS-La Rochelle University	New biologging devices to characterize the biological landscapes of the Ocean. How do southern elephant seals respond to these variations?
		14:45-15:00	Alec Burslem	SMRU, University of St Andrews	Does body condition influence behavioural response to anthropogenic noise in a deep-diving predator?
		15:00-15:15	Elham Nourani	Max Planck Institute of Animal Behavior	Terrestrial birds soaring over the open sea: Insights into the ontogeny of flight
Coffee break		15:15-15:45			
Oral Session 6O4	Yan Ropert-Coudert	15:45-16:00	Javed Riaz	South Atlantic Environmental Research Institute	Spatial overlap between South American fur seal foraging effort and commercial trawl fisheries in the Falkland Islands
		16:00-16:15	Paul Ponganis	Scripps Institution of Oceanography	Blood oxygen profiles imply a spectrum of dive responses in emperor penguins
		16:15-16:30	Matt Waller	Marine Biological Association of the United Kingdom	The fastest shark? Direct measurements of swimming speeds of shortfin mako sharks (<i>Isurus oxyrinchus</i>)
		16:30-16:45	Daniel Palacios	Oregon State University, Marine Mammal Insitute	Dispersal Patterns, Site Fidelity, and Residency of Eastern North Pacific Blue Whales at Coastal Tagging Sites
Poster Session (Yayoi Auditorium) 6PI		17:30-19:30			

March 7 (Thu)					
Session	Chairperson	Time	Speaker	Affiliation	Title
Keynote	Yuuki Watanabe	08:30-09:00	David Sims	Marine Biological Association Plymouth & University of Southampton, UK	Where climate change, fisheries and predator behaviour collide: exploring shark responses to deoxygenating environments
Oral Session 701	Yusuke Goto	09:00-09:15	Hannah Calich	The Australian National University	From physics to physiology: interdisciplinary approaches provide insights into shark movement patterns
		09:15-09:30	Katsufumi Sato	Atmosphere and Ocean Research Institute, University of Tokyo	“Biologging intelligent Platform (BiP)” is now open
		09:30-09:45	Manon Clairbaux	University College Cork and Environmental Research Institute Cork	Underground melodies: decoding calls of a burrow-nesting seabird, the Manx shearwater
		09:45-10:00	Francesco Garzon	University of Exeter	Complex marine soundscapes revealed by animal-borne sensors
		10:00-10:15	Ayaka Saito	University of Tokyo	Administration of parasympathetic blocker on free-ranging juvenile loggerhead sea turtles inhibits diving bradycardia
Coffee break		10:15-10:45			
Oral Session 702	Patrick Miller	10:45-11:00	Laura Stidsholt	Leibniz Institute for Zoo and Wildlife Research, Berlin	Low foraging rates drive large bats away from urban areas
		11:00-11:15	Takuji Noda	Biologging Solutions Inc.	Utilizing Biologging for Near Real-time Soundscape Observations in Marine Ecosystems
		11:15-11:30	Andrea Kölzsch	Max-Planck Institute of Animal Behavior	The MoveApps analysis platform: accelerating data to knowledge through analytical empowerment.
		11:30-11:45	Takuto Kishimoto	Keio University	Development of Horizontal Waterflow Vector Sensor System for Marine Biologging
		11:45-12:00	Josh Nightingale	South Iceland Research Centre, University of Iceland	Global Wader: Challenges and opportunities in synthesising tracking studies of shorebirds
		12:00-12:15	Erin Spencer	Florida International University	Optimal foraging by a shark-killing shark, the great hammerhead (<i>Sphyrna mokarran</i>)
		12:15-12:30	Luciana Ferreira	Australian Institute of Marine Science	Spatial modelling of satellite tracking data reveals suitable habitat and drivers of pygmy blue whale distribution in the Eastern Indian Ocean
Lunch break		12:30-14:00			

Keynote	Tomoko Narazaki	14:00-14:30	Christian Rutz	University of St Andrews	The power of community building and collaboration in bio-logging research
Theme Session	Christian Rutz	14:30-14:45	Francesca Cagnacci	Fondazione Edmund Mach; National Biodiversity Future Centre	From lockdowns to 1 billion data points: the COVID-19 Bio-logging Initiative behind the scenes.
		14:45-15:00	Marlee Tucker	Radboud University	How did terrestrial mammals respond to the COVID-19 Lockdowns?
		15:00-15:15	Alexandra Loveridge	Marine Biological Association	The Marine Subproject of the COVID-19 Bio-Logging Initiative: investigating human-wildlife interactions on the global ocean during COVID-19
Coffee break		15:15-15:45			
Theme Session	Christian Rutz	15:45-16:00	Ruth Oliver	University of California Santa Barbara	Interacting effects of human mobility and landscape modification on wildlife behavior
		16:00-16:15	Federico Ossi	Edmund Mach Foundation, Unit of Animal Ecology	Unveiling behavioral plasticity: multifaceted responses of Ungulates to the Covid-19 Anthropause
		16:15-16:30	Robert Patchett	University of St Andrews	Raptors respond to global changes in human activity patterns: a community-driven, global-scale analysis
		16:30-16:45	Scott Yanco	University of Michigan	More than movement: bio-logging as a tool for understanding and mitigating biodiversity loss
Banquet @ Ueno Seiyoken		18:30-20:30	Bus departure from Ito Research Center around 17:10 and 17:40 (for those participants pre-registered to banquet only)		

March 8 (Fri)

Session	Chairperson	Time	Speaker	Affiliation	Title
Keynote	Shizuko Hiryu	08:30-09:00	Yossi Yovel	School of Zoology, Tel-Aviv University	From active sensing to foraging decision making - studying bats in the wild
Oral Session 801	David Sims	09:00-09:15	Shinichi Watanabe	Catlog Research Institute, Rabo Inc.	Revealing feline insights: Exploring domestic cat behavioral traits through Catlog Big Data
		09:15-09:30	Diego Méndez	Aves Rapaces en Bolivia - Programa de Investigación	The Whereabouts of the First GPS Transmitter-tagged Andean Condors in Bolivia
		09:30-09:45	Barbara Block	Stanford University	White Sharks in the Eddies of the North Pacific Subtropical Gyre

		09:45-10:00	Benjamin Merkel	Akvaplan niva	SEATRACK - Multi-species, multi-population tracking of seabirds on an ocean-basin scale
		10:00-10:15	Taiki Adachi	University of California Santa Cruz	Wild animals in poorer body condition sleep less to forage more
Coffee break		10:15-10:45			
Oral Session 8O2	Akiko Kato	10:45-11:00	Kasim Rafiq	University of Washington	Climate-driven shifts in spatio-temporal interactions within a large carnivore guild: insights from animal-borne sensors
		11:00-11:15	Amy Bishop	University of Alaska Anchorage	Chilling in the deep? Pacific sleeper sharks exhibit seasonal variation in depth and temperature profiles in the Gulf of Alaska
		11:15-11:30	Nuno Queiroz	CIBIO/BIOPOLIS, University of Porto	Quantifying the behavioural responses of two pelagic sharks to hypoxia in the eastern tropical Atlantic oxygen minimum zone
Society Meeting	Akiko Kato/ Christian Ruz	11:30-12:30	International Bio-Logging Society, General Meeting		
Lunch break		12:30-14:00			
Oral Session 8O3	Yossi Yovel	14:00-14:15	Mark Royer	Hawai'i Institute of Marine Biology	"Breath holding" as a thermoregulation strategy in the deep-diving scalloped hammerhead shark
		14:15-14:30	Carey Kuhn	Marine Mammal Lab, NOAA Fisheries	Northern fur seal foraging attempts, identified using a combination of animal-borne video and accelerometer data, increase with prey availability
		14:30-14:45	Shirel Kahane-Rapport	Old Dominion University	Field measurements reveal exposure risk to microplastic ingestion by filter-feeding megafauna
		14:45-15:00	Thomas Gray	Argos satellite system - Woods Hole Group	Argos: Unveiling Global Animal Migrations through Satellite Telemetry
		15:00-15:15	Shiho Koyama	Nagoya university	Interspecific associations of marine top predators at local and large spatiotemporal scales: insights from video and decadal GPS data of seabirds and fishery data
Coffee break		15:15-15:45			
Oral Session 8O4	Martin Wikelski	15:45-16:00	Camrin Braun	Woods Hole Oceanographic Institution	Using top predators and novel technologies to explore and understand the deep ocean
		16:00-16:15	Itsumi Nakamura	Nagasaki University	Ocean sunfish body temperature changing from the core during behavioral thermoregulation
Student Award / Closing		16:15-16:45			