



# PROGRAM

**Wednesday, 31 July 2019****Room: Tongkah 2****Parallel Session: Bioacoustics 2****Chair: Thong Vu Dinh, Vietnam Academy of Science and Technology****Co-chair: Hans-Ulrich Schnitzler, University of Tübingen**

09.15 - 09.30	<b>AO4-120</b>	<b>Echolocation, morphs and harmonic relationships in horseshoe bats of the <i>philippinensis</i> group</b>
		Roger Coles
		Queensland University of Technology, Australia
09.30 - 09.45	<b>AO4-121</b>	<b>Echolocation Behavior of <i>Natalus tumidirostris</i>: Continuous Sampling with Short High-Frequency Calls</b>
		Juan Felipe Sehuanes
		University of Tübingen, Germany
09.45 - 10.00	<b>AO4-114</b>	<b>Echolocation call variations of Taiwanese bats and call identification by ensembles of artificial neural networks</b>
		Chou Han-Cheng
		National Chiayi University, Taiwan
10.00 - 10.15	<b>AO4-119</b>	<b>The Functional Extension of Echolocation – Eavesdropping or Communication in Horseshoe Bats?</b>
		Anna Bastian
		University of KwaZulu-Natal, South Africa
10.15 - 10.30	Refreshment & Poster	
10.30 - 10.45	<b>AO4-118</b>	<b>Optimising acoustic survey protocols for bat research in species-rich tropical forests</b>
		Adria Lopez Baucells
		Natural Sciences Museum of Granollers, Spain
10.45 - 11.00	<b>AO4-109</b>	<b>Acoustic Flow Perception in Bats and Applications in Navigation</b>
		Athia Haron
		University of Bristol, UK
11.00 - 11.15	<b>AO4-110</b>	<b>The benefits of insect-swarm hunting in echolocating bats, and its influence on the evolution of bat echolocation signals</b>
		Arjan Boonman
		Tel Aviv University, Israel
11.15 - 11.30	<b>AO4-113</b>	<b>The Energetics of Social Signaling During Roost Location in Spix's Disc-Winged Bats</b>
		Gloriana Chaverri
		Universidad de Costa Rica, Costa Rica
11.30 - 11.45	<b>AO4-112</b>	<b>Vocal Roles and Group Phenotypic Composition Facilitate Roost Finding</b>
		Maria Sagot
		State University of New York at Oswego, USA
11.45 - 12.00	<b>AO4-116</b>	<b>Evidence of Chiroptera Adapting their Specialised Acoustic Systems' Intensity and Detection Range in their Respective Habitats</b>
		Nikita Finger
		University of Cape Town, South Africa
12.00 - 12.15	<b>AO4-117</b>	<b>The Role of Social Calls for Species Discrimination in Three Sympatrically Living <i>Carollia</i> Species</b>
		Tania Bosia
		University of Veterinary Medicine, Hannover, Germany

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12.15 - 12.30	AO4-111	<b>The Moth Assassin: Aerial Hunting in the Sword-nosed Bat (<i>Lonchorhina aurita</i>, Phyllostomidae)</b>
		Gloria Gessinger
		University of Ulm, Germany
12.30 - 13.30	Lunch & Poster	
<b>Parallel Session: Bioacoustics 2 (Continued)</b>		
<b>Chair: Arjan Boonman, Tel Aviv University</b>		
<b>Co-chair: Kyle Armstrong, South Australian Museum</b>		
13.30 - 13.45	AO4-122	<b>Biosonar Dynamics and Echoic Scenes in Wild Foraging <i>Myotis myotis</i></b>
		Laura Stidsholt
		Aarhus University, Denmark
13.45 - 14.00	AO4-123	<b>Contextual analysis of vocalizations in the Ryukyu flying fox <i>Pteropus dasymallus</i></b>
		Masato Hashizume
		Kyoto University, Japan
14.00 - 14.15	AO4-124	<b>Early-Age Auditory Development and Vocal Learning in Pre- and Postnatal Egyptian Fruit Bats</b>
		Grace Smarsh
		Tel Aviv University, Israel
14.15 - 14.30	AO4-126	<b>Doppler shift compensation and auditory fovea of the low frequency horseshoe bat, <i>Rhinolophus paradoxolophus</i></b>
		Annette Denzinger
		University of Tübingen, Germany
14.30 - 14.45	AO4-127	<b>The role of social interactions on vocal ontogeny in the babbling bat <i>Saccopteryx bilineata</i></b>
		Ahana Aurora Fernandez
		Freie Universität Berlin / Museum für Naturkunde, Berlin, Germany
14.45 - 15.00	AO4-131	<b>Acoustics and Occupancy of Endangered Tree-Dwelling Bats, <i>Murina ryukyuana</i> and <i>Myotis yanbarensis</i>, in Northern Okinawa Island</b>
		Jason Hideki Preble
		Kyoto University, Japan
15.00 - 15.15	AO4-132	<b>Social vocalizations of big-footed myotis (<i>Myotis macrodactylus</i>) during foraging</b>
		Guo Dong Ge
		Northeast Normal University, China
15.15 - 15.30	AO4-133	<b>Listening to Ghosts: Monitoring the Behaviour of Cryptic <i>Macroderma gigas</i> by Acoustic Proxy</b>
		Nicola Hanrahan
		Hawkesbury Institute for the Environment, Australia
15.30 - 15.50	Refreshment & Poster	
15.50 - 17.45	<b>Workshop: Student and early career scientist mental health</b>	