



Livio Favaro (born 19 August 1980) is an ethologist (MSc in Evolution of Animal and Human Behaviour in 2007 and PhD in Evolutionary Biology and Biodiversity Conservation in 2012) and Associate Professor in zoology (2022) at the University of Turin. His research falls under the umbrella of evolutionary zoology, with a particular focus on bioacoustics, vocal anatomy, and the evolution of vocal complexity. Within this framework, Livio has been studying acoustic communication in primates, livestock, marine mammals, and penguins. Livio's current research assists in developing passive acoustic census methods for the remote

monitoring of the marine fauna. Livio is also involved in several PhD and post-doc projects in comparative cognition of marine vertebrates.

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### Five Selected Publications

1. **Favaro L**, Zanolì A, Ludynia K, Snyman A, Carugati F, Friard O, Eleonora Scaglione F, Manassero L, Valazza A, Mathevon N, Gamba M, Reby D. (2023) Vocal tract shape variation contributes to individual vocal identity in African penguins. *Proc. R. Soc. B* 290: 20231029. <https://doi.org/10.1098/rspb.2023.1029>
2. Baciadonna L, Solvi C, del Vecchio F, Pilenga C, Baracchi D, Bandoli F, Isaja V, Gamba M, **Favaro L**. (2022) Vocal accommodation in penguins (*Spheniscus demersus*) as a result of social environment. *Proc. R. Soc. B* 289: 20220626. <https://doi.org/10.1098/rspb.2022.0626>
3. Davies JR, Garcia-Pelegrin E, Baciadonna L, Pilenga C, **Favaro L**, Clayton NS. (2022) Episodic-like memory in common bottlenose dolphins. *Current Biology* 32: 3436–3442. <https://doi.org/10.1016/j.cub.2022.06.032>
4. Baciadonna L, Solvi C, La Cava S, Pilenga C, Gamba M, **Favaro L**. (2021) Cross-modal individual recognition in the African penguin and the effect of partnership. *Proc. R. Soc. B* 288: 20211463. <https://doi.org/10.1098/rspb.2021.1463>
5. **Favaro L**, Cresta E, Friard O, Ludynia K, Mathevon N, Pichegru L, Reby D, Gamba M (2021). Passive acoustic monitoring of the endangered African Penguin (*Spheniscus demersus*) using autonomous recording units and ecoacoustic indices. *Ibis*, 163, 1472-1480. <https://doi.org/10.1111/ibi.12970>