



CICLO

CONFERÊNCIAS 17|18

ISPA - INSTITUTO UNIVERSITÁRIO

UNRAVELING THE ECOLOGY AND BEHAVIOR OF LONG-LIVED PELAGIC SEABIRDS BEFORE THEY RECRUIT TO THE BREEDING POPULATION



LETIZIA CAMPIONI

MARE-ISPA

Immature individuals play a key role in the dynamics of populations of long-lived birds: (1) they represent most of the biomass of age-structured populations, (2) they can act as buffers against population fluctuations, through compensatory recruitment (3) they show a comparatively high dispersal capacity, thus playing an important role in meta-population dynamics. To date, there is virtually few or no information on dispersive movements or diet of most seabirds throughout the annual cycles, which is strongly limiting our understanding of their role in marine ecosystems. In the last five years, I focused my work on two long-lived species the Cory's shearwater *Calonectris borealis* on Selvagem Grande (North-east Atlantic Ocean) and the Black browed albatross *Thalassarche melanophris* at Falkland Islands (South-west Atlantic Ocean) providing new insights on the ontogenic development of the spatial and trophic niche of immature seabirds. The employment of a comparative approach (adults vs. immatures) in combination with different methodologies (e.g., GPS, geolocators, Stable Isotope Analysis) was crucial to characterize inter-colony movements and at-sea behaviour of highly philopatric species.

18 SETEMBRO 2017

12H30 | SALA DE ATOS

HOST

**MANUEL EDUARDO
DOS SANTOS**

ENTRADA LIVRE



ISPA
INSTITUTO UNIVERSITÁRIO

RUA JARDIM DO TABACO, 34
1149 - 041 LISBOA
T. 218 811 700 | F. 218 860 954
CII@ISPA.PT | WWW.ISPA.PT
f [FACEBOOK/ISPA.IU](https://www.facebook.com/ISPA.IU)



17 | 18