

# Climate change, ecology and evolution on the Atlantic Islands and its continental seaboard



## Conference Programme

### Thursday 4<sup>th</sup> July, 2024

09:00 Prof Catherine Bachleda, Vice Chancellor, University of Gibraltar

*Welcome to the University of Gibraltar*

09:10 The Hon Prof John E. Cortes, Minister for Education, the Environment, Sustainability, Climate Change, Heritage, Technical Services and Transport, HM Government of Gibraltar

*Official Opening of the 2024 Calpe Conference*

09:30 Opening Keynote Lecture

**Robert J. Whittaker<sup>(1)</sup>** and **José-María Fernández-Palacios<sup>(2)</sup>**

1 University of Oxford, Oxford UK & 2 University of La Laguna, Tenerife, Spain

*Macaronesia: an introduction to the biogeography and conservation of an island region, with particular attention to the Canary Islands*

11:00 **Carl Beierkuhnlein**, Bayreuth University, Germany

*Diversity in volcanic impacts and related generality in selection mechanism on Atlantic Islands*

12:00 **Julio Peñas de Giles** and **Carlos Garcia-Verdugo**, University of Granada, Spain

*Lucky castaways: why don't Macaronesian plant lineages follow common island biology predictions?*

15:30 **Rui Freitas**, Instituto de Engenharias e Ciências do Mar da Universidade Técnica do Atlântico, Cabo Verde

*Singularities of the marine biodiversity of Cabo Verde archipelago*

17:00 **Peter G. H. Evans**, Sea Watch Foundation and University of Bangor, UK

*Marine mammals of the North Atlantic: past, present and future*

18:00 **José María Fernández-Palacios** and **Enrique Fernández-Palacios**, University of La Laguna, Tenerife, Spain

*Anthropogenic driven extinctions in Macaronesia: How humans transformed a natural paradise*

#### **Friday 5<sup>th</sup> July, 2024**

09:30 **Jaime Ramos**, University of Coimbra, Portugal

*Terrestrial and marine avifauna of the Azores Islands: from speciation to historical declines and present conservation challenges*

11:00 **Juan Carlos Illera**, Oviedo University, Spain

*What are we learning on speciation and extinction from the Macaronesian birds?*

12:00 **Clive Finlayson** and **Stewart Finlayson**, The Gibraltar National Museum, Gibraltar

*Birds on the Atlantic Islands: it's not about getting there, it's about what you do when you get there*

14:30 **Nuno Ferrand**, University of Oporto, Portugal

*The evolutionary history of the European rabbit (*Oryctolagus cuniculus*) and its human-mediated expansion in the Atlantic islands*

15:30 **Africa Gomez**, Hull University, UK

*Perspectives on Iberian Phylogeography: refugia within refugia coming of age*

17:00 **Stewart Finlayson** and **Clive Finlayson**, The Gibraltar National Museum, Gibraltar

*The magpie's tale: the story of a resilient avifauna squeezed between ice, sand and the ocean*

**Saturday 6<sup>th</sup> July, 2024**

09:30 **Juan Manuel Jiménez-Arenas**, Universidad de Granada, Spain

*Another kind of island under the sun. Reflections from the Orce Archaeological Zone (Guadix-Baza Basin, Granada)*

11:00 **Juan Arroyo**, Seville University, Spain

*Islands on continents. The biogeographical significance of the bipartite Strait of Gibraltar region for plant ecology and evolution*

12:00 **Geraldine Finlayson, Stewart Finlayson, Alex Menez, Clive Finlayson**, The Gibraltar National Museum, Gibraltar

*What if Neanderthals had reached the Atlantic Islands?*

14:30 **Geoff Bailey**, University of York, UK

*Drowned landscapes, climate change and human dispersals: perspectives in deep time*

15:30 **Christoph Zollikofer** and **Marcia Ponce de León**, University of Zurich, Switzerland

*Did Neanderthals die out because of global warming or cooling, or both, or neither?*

17:00 Closing Keynote Lecture

**Carlos M Herrera**, Estación Biológica de Doñana, Spain

*Wild bees from a Mediterranean mountain: diversity, trends and thermal biology*