

08H30 - 09H00 **REGISTRATION**

09H00 - 09H30 **OPENING SESSION**

Opening Remarks

**CRISTINA MÁGUAS** eE3c DIRECTOR | **BRUNO PACHECO** Regional Director of Science and Technology of the Azores

## ECOLOGY SESSION

09H30 - 10H10 **PLENARY 1 - RAÚL BONAL** Universidade de Extremadura, Espanha  
UNDERSTANDING OAK-ANIMAL ECOLOGICAL INTERACTIONS FOR  
IMPLEMENTING BIOLOGICAL PEST MANAGEMENT IN DEHESAS/MONTADOS:  
NEW TECHNOLOGICAL APPLICATIONS  
Chair - Rui Rebelo

10H10 - 11H10 **SHORT TALKS – ECOLOGY** | Chair - Ana Leal & Carla Alegria

**SERGIO CHOZAS**, ESFE - Biodiversity on the rocks: the role of small rock outcrops in promoting semi-natural landscapes heterogeneity

**PATRÍCIA GARCIA-PEREIRA**, CSEE - Public engagement on insects' identification: Biodiversity Stations network and the exhibition "Insects in Order"

**PAULO BORGES**, IBBC - The biogeography of native and exotic species on islands

**ANTÓNIO ONOFRE SOARES**, IBBC - Evaluation of the potential use of *Scymnus nubilus* Mulsant (Coleoptera: Coccinellidae) in augmentative biological control programs

11H10 - 11H30 **COFFEE-BREAK**

11H30 - 12H30 **FLASH TALKS – ECOLOGY** | Chair - Patricia Santos, Raquel Mendes, Ivo Chelo & Gabriela Rodrigues

**CLARA FRASCONI WENDT**, eCHANGES - How do ant communities respond to passive restoration in the Montado?

**BÁRBARA CARTAGENA-MATOS**, CSEE - Nutritional drivers for sea otter's prey choices in southeast Alaska: A preliminary study

**DIOGO PRINO GODINHO**, EE - Effect of metal-accumulation on the performance of plants and infesting herbivores that cope differently with organic defences

**JOÃO GAMEIRO**, TMB - The role of mixed-species colonies in facilitating response to human disturbance in Agricultural Landscapes - The case of European Rollers and Lesser Kestrels

**MARTINA PANISI**, TMB - Is the invasive West African giant snail *Archachatina marginata* displacing the Gulf of Guinea endemic *Archachatina bicarinata*?

**FILIPE BERNARDO**, IERS - Suitability of *Usnea rubicunda* as a biomonitor of volcanogenic air pollution on hydrothermal areas

**ANDRÉ MIRA**, EE - Are r and K genetically correlated?

Room 8.2.30

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12H30 - 14H00 LUNCH (free)

**EVOLUTION SESSION**

14H00 - 14H40 **PLENARY 2 - ISABEL GORDO** Instituto Gulbenkian de Ciência, Portugal  
 EPISTASIS AND THE FATE RESISTANT BACTERIA ACROSS ENVIRONMENTS  
 Chair - Margarida Matos

14H40 - 16H00 **SHORT TALKS – EVOLUTION | Chair - Dora Batista & Vítor Sousa**

**RODRIGO COSTA, EG** - Identification of SNPs in genes potentially affected by domestication to efficiently detect hybridization between wild and domestic cats

**JÉSSICA TEODORO PAULO, EE** - Suppression of plant defences by herbivorous mites is not associated to adaptation to host plants

**JOSIANE SANTOS, EE** - Physiological trade-offs under survey: the role of different microbes on population growth rate and survival of *C. elegans*

**PEDRO SIMÕES, EE** - Predictability of short-term versus long-term phenotypic evolution in *Drosophila subobscura* populations of contrasting histories

**ROBERTO KELLER, NHS** - Innovation of a novel sliding joint facilitated the diversification of ant mandibles as tools

Room 8.2.30

16H00 - 16H30 COFFEE-BREAK

16H30 - 17H30 **FLASH TALKS – ENVIRONMENTAL CHANGES + EVOLUTION | Chair - Diogo Godinho, David Avelar, Ivo Chelo & Gabriela Rodrigues**

**LEONOR SUCENA-PAIVA, ESFE** - Adaptation of the montado to Climate Change

**FILIPA GRILO, eCHANGES** - Climate regulating ecosystem services at a high spatial resolution: the influence of green spaces on the urban heat island effect

**PEDRO MACEDO, CCIAM** - Science is the way, or can (only) religion fix climate change?

**INÊS MORAIS, CCIAM** - Impacts of climate change in southern Portugal: water conservation problems for irrigated agriculture

**ANDREIA SOUSA, CCIAM** - How will climate change affect the whale watching activity in European islands?

**JOÃO CARVALHO, EG** - Testing for different scenarios of ecotype formation in *Littorina saxatilis* using Pool-Seq data in conjugation with Approximate Bayesian Computation

**MIGUEL CRUZ, EE** - Is there reinforcement of pre-zygotic isolation between incompatible populations of the spider mite *Tetranychus urticae* that evolve together?

Room 8.2.30

17H30 - 19H30 **POSTERS AND WINE**20H00 **DINNER**

**ENVIRONMENTAL CHANGES SESSION**

9H30 - 10H10

**PLENARY 3 - NUNO LACASTA** Agência Portuguesa do Ambiente  
CLIMATE CHANGE POLICY IN PORTUGAL  
Chair - Filipe Duarte Santos

10H10 - 11H10

**SHORT TALKS – ENVIRONMENTAL CHANGES** | Chair - Pedro Pinho & Paulo Borges

**ROSALINA GABRIEL**, IBBC - Unveiling children and teenagers representations of Bryophytes within the Azorean ecosystem

**JULIANA MONTEIRO**, eCHANGES - Drivers of bryophyte functional structure in headwater streams

**MARIA ALEXANDRA OLIVEIRA**, eCHANGES - Lichens as indicators of extreme marine events

**JOÃO PEDRO NUNES**, CCIAM – Direct versus indirect impacts of climate change on water provisioning: a Mediterranean case-study in a Montado-dominated landscape

Room 8.2.30

11H10 - 11H40

COFFEE-BREAK

11H40 - 13H00

**SHORT TALKS – TROPICAL BIOLOGY** | Chair - Cristina Duarte & Jorge Palmeirim

**FILIPA COUTINHO SOARES**, TMB - Land-use intensification promotes the expansion of introduced species in an endemic-rich bird assemblage

**RICARDO DE LIMA**, TMB - Endemic pigeon hunting in São Tomé Island: models for sustainable wildlife harvesting

**LUÍS CATARINO**, ESFE - Research lines and ongoing activities at the Tropical Plants and Systems subgroup of ESFE

**FILIPA MONTEIRO**, ESFE - Tropical agroecosystems in West Africa: the case of the cash crop cashew (*Anacardium occidentale* L.) in Guinea-Bissau

**DORA BATISTA**, Cobig2 – An integrative genomics approach to probe virulence mechanisms and evolution in a coffee pathogen

Room 8.2.30

13H00 - 14H30

LUNCH (free)

**PARALLEL SESSIONS**

14H30 - 15H45

**PARALLEL SESSION 1 | Thematic Lines:**

Room 8.2.10 ■ Evolutionary processes that shape biodiversity and adaptation to environmental change

Room 8.2.13 ■ Green & blue infrastructures for urban sustainability

15H45 - 16H30

**PARALLEL SESSION 2 | Thematic Lines:**

Room 8.2.10 ■ Human health: linking evolutionary history, environment and physiology

Room 8.2.13 ■ Sustainable management strategies for high-nature-value farmlands



**10 JULY 2018 TUESDAY**

16H30 - 17H45 **PARALLEL SESSION 3 | Thematic Lines:**

Room 8.2.10 ■ Integrative ecological assessment of environmental change impacts on biodiversity

Room 8.2.13 ■ Climate Services

(Coffee-Break 16H00 – 17H00)

17H45 - 18H45 **CLOSING SESSION AND AWARDS**