

Programa

9.30h Sessão de abertura, Reitor da UTAD, Prof Fontainhas Fernandes, Investigador Responsável do Projeto, Prof Rui Cortes e Diretor do CITAB, Prof Eduardo Rosa

9.40h Ana Rita Ferreira "Impacts of multiple anthropogenic pressures on catchment water quality and biodiversity assessed by nested partial least squares regressions" (Linha Best)

9.50h Sofia Ribeiro e Mariana Dantas Almeida "Introduction of Mediterranean legume grains for animal feeding" (Linha ISAC)

10.00h Fátima Gonçalves "Effect of green cover, biochar and compost in the increment of ecosystem services provided by soil arthropods to vineyards" (Linha VitalityWine)

10.10h Ana Sofia Faria "Epidemiological study and ecological modelling of the occurrence of Lyme borreliosis in the wild boar (*Sus scrofa*) population of the Trás-os-Montes region: methodology and preliminary results" (Linha Best)

10.20h Alfredo Aires "Productivity-enhancing crop research in a changing environment: Nutritional and functional evaluation of the effects of cropping practices and mitigation measures" (Linha ISAC)

10.30h Vanessa Arada de Almeida "Nitrification rates in vineyard soils" (Linha VitalityWine)

10.40h André Fonseca "Statistical Downscaling Strategies for Very High Resolution Climatic Datasets" (Linha Best)

10.50h Discussão

11.10h *Coffeebreak*

11.30h Bernardete Vieira "Preserving Water Resources: transference mechanisms of phosphorus and metals among soils sediments and water" (Linha Best)

11.40h Sandra Martins "Blueberries and anthocyanin: a genetic approach" (Linha ISAC)

11.50h Claudia Castro "Protocol optimization for mitotic chromosome spreads of *Vitis vinifera* L." (Linha VitalityWine)

12.00h Daniela Terêncio "Planning the location of sustainable rainwater harvesting systems in small watersheds for agro-forestry uses" (Linha Best)

12.10h Ana Luisa Taveira "Yield components and fruit and wine composition" (Linha VitalityWine)

12.20h Isilda Menezes "Mitigation and adaptation of agro-forestry systems to environmental changes: preliminary results" (Linha Best)

12.30h Discussão

13.00h Almoço

14.00h Leonor Ferreira "Treatment of effluents from the industrial processing of *Sambucus nigra* in Távora-Varosa region by photocatalysis" (Linha Best)

14.10h Ana Catarina Luzio "Short-term adaptation measures as the first protection strategy against climate change impacts on grapevine physiology" (Linha VitalityWine)

- 14.20h Margarida Nunes Pereira “Epidemiological study of leptospirosis in key wildlife species of the Trás-os-Montes region: methodology and preliminary results” (Linha Best)
- 14.30h Alexandre Gonçalves e Ermelinda Silva “Olive production: Mitigation strategies and adaptation to climate changes” (Linha ISAC)
- 14.40h Paula Pinto “Characterization and valorization of olive, wine, chestnut and almond nuts industrial by-products in the North of Portugal: toxicity, bioactivity and recovery potential evaluation” (Linha Best)
- 14.50h João Paulo Coutinho “Long-term management strategies for the Douro Demarcated Region: evaluation of two varieties and two pruning systems” (Linha VitalityWine)
- 15.00h Ana Marques Monteiro “Evaluation of the adaptative potential of grapevine varieties by the morpho-anatomical characterization of buds and inflorescences obtained under forcing conditions” (Linha VitalityWine)
- 15.10h Regina Santos “Effects of damming on the aquatic community and physico-chemical parameters in the Baixo Sabor River” (Linha Best)
- 15.20h Catarina Barbosa “Microbiome of Douro vineyards and its adaptive potential to dry and warm conditions” (Linha VitalityWine)
- 15.30h Discussão
- 15.50h *Coffeebreak*
- 16.10h Véronique Gomes “Data driven solutions for precision viticulture – Grape and vineyard quality assessment” (Linha VitalityWine)
- 16.20h Susana Campos e Tiago Mucha “Sustainable choices: Getting closer producers and consumers” (Linha Best)
- 16.30h Luís Lourenço Félix “Screening of plant extracts for biological activity: Focus on Lamiaceae family” (Linha ISAC)
- 16.40h Luís Coutinho “Web Portal to Support and Deploy Distributed Services” (Linha VitalityWine)
- 16.50h Teresa Enes “Evaluation of the residual agro-forestry biomass existing in the Ave and Sabor basins” (Linha Best)
- 17.00h Ana Sofia Soares e Carla Miranda “Impact of different treatments on Escherichia coli and on the greenhouse gases emissions during storage of cattle slurry” (Linha ISAC)
- 17.10h Irene Gouvinhas “Evaluation of winery by-products to develop optimal valorization procedures” (Linha VitalityWine)
- 17.20h Discussão
- 17.40h Encerramento, *Steering Committee* do Projeto, Profs Luís Filipe Fernandes, Fernando Pacheco, Henrique Trindade e Moutinho Pereira