

2^{as} JORNADAS INTERACT – 12 e 13 Julho 2017

PROGRAMA | Dia 12 JULHO (quarta-feira)
Auditório B0.01 – Edifício Laboratórios - UTAD

9.30h | Sessão de abertura

- Professor Fontainhas Fernandes - Magnífico Reitor da UTAD
- Professor Rui Cortes - Investigador Responsável do Projeto

9.40h | Regina Santos - "Hydrologic impacts of land use changes in the Sabor River Basin: a historical view and future perspectives" (*Linha BEST*)

9.50h | Fátima Gonçalves - "Effect of soil management practices on abundance and diversity of arthropods in vineyards" (*Linha VitalityWine*)

10.00h | Sofia Santos e Mariana Almeida - "Chemical composition and in situ dry matter degradability of Mediterranean legume grains" (*Linha ISAC*)

10.10h | Daniela Terêncio - "Rainwater harvesting in catchments: can green mosaic landscapes sustain agro-forestry uses?" (*Linha BEST*)

10.20h | Vanessa Almeida - "Effect of temperature and moisture on mineralization and nitrification rates in vineyard soils" (*Linha VitalityWine*)

10.30h | Alfredo Aires - "Strategies to enhance nutritional quality and bioactive compounds in two varieties of almonds (Glorieta and Masbovera) grown under a sustainable production system" (*Linha ISAC*)

10.40h | Bernardete Vieira - "Soil and sediments extractable P in two catchments under different agricultural practices: potential availability" (*Linha BEST*)

10.50h | Discussão

11.00h | Coffeebreak

11.10h | António Fernandes - “Path modeling analysis of anthropogenic pressures and their environmental consequences in catchments” (*Linha BEST*)

11.20h | Artur Conde - “Unveiling the influence of kaolin foliar application on key molecular mechanisms associated with grape berry quality – from source leaves to sinks” (*Linha VitalityWine*)

11.30h | Isilda Menezes - “Adaptations of agroforestry systems to environmental changes: outcomes and achievements of the first year” (*Linha BEST*)

11.40h | Cláudia Castro - “Evaluation of the effect of different zinc concentrations in grapevine canes grown hydroponically” (*Linha VitalityWine*)

11.50h | Sandra Regalado Martins - “Analysis of differential gene expression in Blueberries” (*Linha ISAC*)

12.00h | Ana Sofia Faria - “First year milestones of the epidemiological study of the occurrence of *Borrelia burgdorferi* sensu lato in wild boars and parasitizing ticks of the Trás-os-Montes region” (*Linha BEST*)

12.10h | Ana Luísa Taveira - “Genetic analysis of the VvMybA1 berry colour gene in Touriga Nacional and Touriga Franca” (*Linha VitalityWine*)

12.20h | Alexandre Gonçalves - “Crop management practices in olive groves” (*Linha ISAC*)

12.30h | Margarida Nunes-Pereira - “First year milestones of the epidemiological study of the occurrence of *Leptospira interrogans* in the wild fauna of the Trás-os-Montes region” (*Linha BEST*)

12.40h | Discussão

13.00h | Almoço (livre)

14.00h | Ana Catarina Luzio - "Kaolin affects the physiology of grapevine and quality of berries under summer stress" (*Linha VitalityWine*)

14.10h | Carlos Amor - "Winery wastewater treatment by sulphate radicals oxidation processes: thermal, UV radiation and transition metal activation" (*Linha BEST*)

14.20h | Luís Félix - "Chemical composition, antiradicalar capacity and antiproliferative activity of extracts obtained from selected species from Lamiaceae and Asteraceae family" (*Linha ISAC*)

14.30h | João Paulo Coutinho - Viticultural strategies under a changing climate: first results of two varieties and two pruning systems in the "Douro Superior subregion" (*Linha VitalityWine*)

14.40h | Teresa Enes - "Residual biomass quantification of the main forest species existing in the Ave and Sabor basins" (*Linha BEST*)

14.50h | Carla Miranda - "Emissions of methane, nitrous oxide and carbon dioxide during the storage of cattle slurry subjected to different treatments" (*Linha ISAC*)

15.00h | Ana Monteiro - "Anatomical and histological characterization of Alvarinho, Fernão Pires, Loureiro grapevines varieties: A flower and berry study" (*Linha VitalityWine*)

15.10h | Paula Pinto - "Chemical characterization and toxicity evaluation of aqueous extracts of Chestnut burs" (*Linha BEST*)

15.20h | Catarina Barbosa - "Microbiome of Douro vineyards and its adaptive potential to dry and warm conditions" (*Linha VitalityWine*)

15.30h | Discussão

15.45h | Coffeebreak

16.00h | Nathalie Guimarães - "Geo Data Web publishing" (*Linha BEST*)

16.10h | Manuela Machado - "Data driven solutions for precision viticulture – Grape and vineyard quality assessment" (*Linha VitalityWine*)

16.20h | Ana Sofia Soares - "Evaluation of the survival of E. coli and Enterococcus spp. during the storage of cattle slurry under different treatments" (*Linha ISAC*)

16.30h | André R. Fonseca - "Very high resolution climatic characterization of Northern Portugal and hydrological modelling" (*Linha BEST*)

16.40h | Rui Madureira - "Hyperspectral Image Preprocessing" (*Linha VitalityWine*)

16.50h | Sandra Pinto Martins - "Foliar application of natural compounds in olive trees" (*Linha ISAC*)

17.00h | Susana Campos e Tiago Mucha - "What drives sustainable behaviour of farmers and food consumers?" (*Linha BEST*)

17.10h | Irene Gouvinhas - "Evaluation of the phenolic profile and antioxidant activity of extracts and isolate compounds of winery by-products" (*Linha VitalityWine*)

17.20h | Miguel Ribeiro - "Proteomics approach to assess the natural variability of hazelnut allergens" (*Linha ISAC*)

17.30h | Luís Coutinho - "Data driven Web application for grape data storage and analysis" (*Linha VitalityWine*)

17.40h | Discussão

17.50h | Encerramento - Steering Committee do Projeto, Prof. Luís Filipe Fernandes, Prof. Fernando Pacheco, Prof. Henrique Trindade, Prof. Moutinho Pereira

PROGRAMA | Dia 13 JULHO (quinta-feira)

Auditório – Régia Douro Park – Parque de Ciência e Tecnologia

10.00h | Sessão de Abertura

- Professor Rui Cortes - Investigador Responsável do Projeto
- Professora Ana Barros – Diretora do CITAB

10.30h | Sessão “INTERACT & Stakeholders”

- Prof. Henrique Trindade - *Investigador responsável*
Innovation for Sustainable Agro-food Chains - ISAC research line
Linha de Investigação - Inovação para Sistemas Agro-alimentares Sustentáveis
- Prof. Fernando Pacheco - *Investigador responsável*
Bio-Economy and Sustainability - BEST research line
Linha de Investigação - Bio Economia e Sustentabilidade
- Prof. Moutinho Pereira - *Investigador responsável*
Fostering Viniculture Sustainability for Douro Valley – VITALITYWINE research line
Linha de Investigação - Viticultura Sustentável e Produção de Vinho

12.00h | Debate “INTERACT & Stakeholders”

13.00h | Almoço¹ aos Participantes & Convidados – Régia Douro Park

¹ Mediante inscrição/confirmação prévia até 11 de julho (terça-feira) para geral@interact-utad.pt