



15TH

INTERNATIONAL TERROIR CONGRESS MENDOZA, ARGENTINA

18-22 November 2024

PROGRAM

Monday 18th

8:00 – 9:30

Registration and Poster installation

Facultad de Ciencias Agrarias – UNCuyo

9:30 – 10:00

Aperture

Magna Room – FCA

Scientific Session Soil I

10:00 – 10:30

Plenary conference: Lazcano, Cristina (USA)

Managing soil health to support the resilience and future success of the wine industry: lessons learned in California

Coffe break from 10:30 to 11:00 – Sponsored by TN Coopers

11:00 – 11:15

Torres, Nazareth (SP)

Cover crops under the vines promote the biological soil health: a case of study in Navarra

11:15 – 11:20

Paolinelli, Marcos (ARG)

Soil microbiome composition in a Malbec biodynamic vineyard

11:20 – 11:25

Acosta, Cecilia (ARG)

Soil health biological indicators of Argentinean organic vineyards

11:25 – 11:30

Mezzatesta, Daniela (ARG)

Exploring the fungal diversity of vineyards soils and its local variability in Argentina

11:30 – 11:35

Ledda, Carolina (ARG)

Cover crops management in high-altitude regenerative vineyards under arid conditions

Questions and Discussion from 11:35 to 12:00



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Monday 18th

12:00 – 13:30

Lunch and Posters session

Catering sponsored by TN Coopers

Scientific Session Soil II

13:30 – 14:00

Vallone, Rosana – Galmarini, Claudio (ARG)

Defining the Identity of Argentinean Wine Regions: A comprehensive characterization study

14:00 – 14:15

Balzarini, Mónica (ARG)

A methodological protocol for delimitation of viticultural zones to terroir description

14:15 – 14:30

Sotés Ruiz, Vicente (SP)

Terroir and the new quality figures in the Denominations of Origin of Spain. The cases of Bierzo, Priorat, Rioja, Rueda and Cava

14:30 – 14:45

Sugiura, Miki (JP)

Historical transformations of the territorial units in the French wine terroirs. A comparative analysis of Bourgogne, Champagne, Bordeaux and Saint-Émilion

14:45 – 14:50

Bravo Martín-Consuegra, Sandra (SP)

Determination of geological origin of wine through strontium isotope ($^{87}\text{Sr}/^{86}\text{Sr}$) analysis

Questions and Discussion from 14:50 to 15:00

Coffe break from 15:00 to 15:30 – Sponsored by TN Coopers



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Monday 18th

Scientific Session Climate I

15:30 - 15:45

Jones, Greg (USA)

Climate typing of wine regions – characteristics and changes

15:45 - 16:00

Fourment, Mercedes (URG)

Assessment of Albariño grapevine (*Vitis vinifera* sp.) plasticity in the eastern coastal terroir of Uruguay

16:00 - 16:15

Bonfante, Antonello (IT)

Climate change adaptation strategy of Greco grapevine

16:15 - 16:30

Canton, Monica (IT)

Physiological responses of Sauvignon Blanc to sequential extreme weather events: implications for vineyards management in changing climate

Questions and Discussion from 16:30 to 16:40

Access the website for more details of the event
congressterroir.com.ar



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INTERNATIONAL TERROIR CONGRESS MENDOZA, ARGENTINA

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PROGRAM

Tuesday 19th

Scientific Session Climate II

9:00 – 9:30	Plenary conference: Bois, Benjamin (FR) Climate diversity of vitivinicultural terroirs at local scale level
9:30 – 9:45	Hervé, Quenol (FR) High spatial resolution modelling of spring frost risk in the Waipara wine region (New Zealand)
9:45 – 10:00	Pons, Alexandre (FR) The use of stable isotopes to assess the incidence of temperature and water status on aroma compounds of famous wines from Cabernet Sauvignon and Merlot
10:00 – 10:05	Depetris Chauvin, Nicolas (CH) How can we best use econometrics to quantify the impact of Climate Change on the wine industry? A case study for Australia
10:05 – 10:10	La Notte, Pierfederico (IT) Ri.Vi.Vi. Valle d'Itria: a strategic project to relaunch the viticulture in an area with structural and phytosanitary problems
10:10 – 10:15	Dominguez, Deolindo (ARG) Impacts of Climate Change-Induced temperature rise on phenology, physiology and yield in Malbec, Bonarda and Syrah Cultivars
10:15 – 10:20	Foerster, Franca Carlotta (DE) Improving viticulture sustainability with simplified, region-specific LCA models: a focus on Germany and California

Questions and Discussion from 10:20 to 10:30

Coffe break from 10:30 to 11:00 – Sponsored by FOSS



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Tuesday 19th

Scientific Session Climate III

11:00 – 11:15	Lucchetta, Marco (IT) Zoning and Sustainability: Future-Proofing Prosecco DOC Against Climate Change
11:15 – 11:30	Nicolas, Sébastien (ARG) Terroir discrimination of Pinot Noir wines across multiple sites in Mendoza, Argentina
11:30 – 11:45	Yuste, Jesús (SP) Application of irrigation in pre-sprouting versus deficit irrigation during the summer: water and physiological effects in Tempranillo vineyards
11:45 – 11:50	Tachini, Ramiro (UY) Development of cv. Tannat under extreme heat events in Uruguayan coastal terroirs
11:50 – 11:55	Viale, Maximiliano (ARG) Microclimatic characterisation in pre-planting projects for vineyards on slope which conserve native vegetation at Gualtallary and Agrelo, Mendoza Argentina
11:55 – 12:00	Dewasme, Coralie (FR) Do climate factors explain the variation of symptoms and wine yields due to wood diseases?
12:00 – 12:05	Ríos-Nuñez, Sandra (CHL) Smart Wines 4.0 Inclusive. Climate change adaptation strategies in Northern Patagonia, Chile
Questions and Discussion from 12:05 to 12:15	
12:15 – 13:30	Lunch and Posters session Catering sponsored by FOSS



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Tuesday 19th

Scientific Session Plant material and management I

13:30 – 14:00	Plenary conference: Gallusci, Philippe (FR) Are grapevine Epigenetic landscapes reflecting the complexity of terroirs?
14:00 – 14:15	Aversano, Riccardo (IT) Environmental impact on small RNA expression in Cabernet Sauvignon and Aglianico varieties grown in southern Italy
14:15 – 14:20	Iannuzzi, Alessandra (IT) Telomere length as a genomic biomarker of well-being in grapevines: proof of concept on Aglianico grapevine
14:20 – 14:35	Prieto, Jorge Alejandro (ARG) Rediscovering grapevine diversity in Argentina: A brief update
14:35 – 14:40	Onetto, Cristobal (AUS) Mapping Australia's grapevine diversity: The 1000 grapevine genomes project
14:40 – 14:45	Coulon-Leroy, Cécile (FR) From rosé to red wines, the revival of the Grolleau N grape variety in Anjou (France) as an adaptation to climate change and market trends
14:45 – 14:50	La Notte, Pierfederico (IT) Recovery, conservation, economic and touristic valorisation of autochthonous grapevine germplasm in the experience of Apulia Region (Italy)
14:50 – 14:55	Sancho-Galán, Pau (SP) New insights in the study of autochthonous minor grapevine cultivars as a tool for terroir preservation and adaptation to climate change

Questions and Discussion from 14:55 to 15:05

Coffe break from 15:05 to 15:30 – Sponsored by FOSS



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Tuesday 19th

Scientific Session Plant material and management II

15:30 – 15:45	Cattani, Amanda (CH) Water status assessment in grapevines using plant electrophysiology
15:45 – 16:00	Collins, Cassandra (AUS) Can silica applications enhance vine performance, quality and potentially mitigate climate change-induced stresses?
16:00 – 16:15	Fragoso, Taina (BRA) Agronomical and enological enhance characterisation of grapes and wines elaborated from five red resistant Italian varieties at Serra Gaucha, Southern Brazil
16:15 – 16:20	Acuña, Tania (ISR) Unveiling the impact of rootstock mediation on Syrah physiology and wine quality under soil salinity and water deficit: A climate change scenario
16:20 – 16:25	Alonso, Rodrigo (ARG) Trunk ring-width and wood anatomy modifications through grapevine growth in response to contrasting wind exposure: A comparative analysis of TWO cultivars
16:25 – 16:30	Matese, Alessandro (IT) Prediction of yield spatial variability within vineyard based on DIGIVIT mobile app
16:30 – 16:35	Destrac, Agnes (FR) Grape berry growth modeling for a wide range of <i>Vitis vinifera</i> cultivars

Questions and Discussion from 16:35 to 16:45

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Wednesday 20th

Scientific Session Plant material and management III

9:00 – 9:30	Plenary conference: Van Leeuwen, Cornelis (FR) Turning water into wine: the water footprint of winegrape production
9:30 – 9:45	de Rességuier, Laure (FR) Factors involved in the rate of sugar accumulation and the final concentration in grape berries
9:45 – 10:00	Verdenal, Thibaut (CH) Exploring grapevine canopy management: insights from a six-year field trial in Switzerland
10:00 – 10:05	Muñoz, Flavio (ARG) How geographical indications and clones shift the phenolic and sensory profiles of Cabernet Sauvignon wines from Mendoza? A three years inspection
10:05 – 10:10	Caliani, Natalia (AUS) Fungicide resistance, vineyards, and indigenous yeast: revisiting a core concept with a fresh perspective

Questions and Discussion from 10:10 to 10:30

Coffe break from 10:30 to 11:00 – Sponsored by CADUS Tonnellerie – France



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Wednesday 20th

Scientific Session Plant material and management IV

11:00 – 11:15	Brito, Catia (PT) Physiological and biochemical responses of grapevine varieties to mediterranean summer stress: basis for friendly long-term adaptation measures
11:15 – 11:30	Dinis, Lia (PT) Assessment of different formulations of Kaolin+Silicon foliar application in <i>Vitis vinifera</i> under summer stress
11:30 – 11:45	Zito, Sébastien (FR) Impact of training system, soil management and soil water holding capacity on vine water status in a changing climate over 60 years in the Cognac production area
11:45 – 11:50	Cachao, Miguel (PT) The importance of Rural Extension and advisory services to achieve a Sustainable Viticulture in a Climate Change Scenario
11:50 – 11:55	Hilbert-Masson, Ghislaine (FR) Temperature and solar radiation affect grape composition in vineyards located in the Saint-Émilion and Pomerol winegrowing area
11:55 – 12:00	Fruitos, Andrea (ARG) Terroir and Biodiversity: evaluating native bee abundance in vineyards of the Uco Valley, Mendoza

Questions and Discussion from 12:00 to 12:15

12:15 – 13:30	Lunch and Posters session Catering sponsored by CADUS Tonnellerie – France
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PROGRAM

Wednesday 20th

Scientific Session Malbec I

13:30 - 14:00	Plenary conference: Calderón, Luciano (ARG) The Malbec genome: A keystone to understand the molecular bases of clonal variation
14:00 - 14:15	Draque, Alfredo (ARG) Argentine Malbec market: Comparative study of chemical and sensory properties with low, entry level, and top price segments
14:15 - 14:30	Ragoni Maniero, Carolina (BRA) Phenology and thermal demand of Malbec grapes under double-pruning management in the subtropical conditions of Brazil
14:30 - 14:35	Catena, Adrianna (ARG) Laying the Foundations for Argentine Viticulture: Knowledge, innovation, and the introduction of French grape varieties in Mendoza, c. 1850-1940
14:35 - 14:40	Depetris Chauvin, Nicolas (CH) Beyond Malbec: Exploring Wineries' perspectives on diversification strategies in Argentina's wine industry
14:40 - 14:45	Giordano, Yanina Daniela (AUS) Preserving wine excellence: alternatives for controlling <i>Brettanomyces</i> spoilage in wines
14:45 - 14:50	Mercado, Laura Analía (ARG) Biodiversity of <i>Saccharomyces cerevisiae</i> populations as components of the microbial fingerprint of the Malbec terroir

Questions and Discussion from 14:50 to 15:00

Coffee break from 15:00 to 15:30 – Sponsored by CADUS Tonnellerie – France



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Wednesday 20th

Scientific Session Malbec II

15:30 - 16:00	Urvieta, Roy (ARG) Terroir is not a Myth: a 14-year research into wine's fingerprints across place and time
16:00 - 16:15	Neething, Etienne (FR) Assessing the influence of climate change and clonal diversity on berry composition of Malbec
16:15 - 16:30	Tello, Javier (SP) Exploring the causes of the intra-varietal fruit set rate variation in cv. Malbec
16:30 - 16:35	Jones, Greg (USA) Malbec growth, fruit, and wine characteristics from the Umpqua Valley of Oregon
16:35 - 16:40	Corti, Silvia (ARG) Characterization of Malbec grapes and wines from Geographical Indication (GI) Paraje Altamira (Mendoza, Argentina)
16:40 - 16:45	Ramalhoso, Eduardo (BRA) Evolution of maturation of cv. Malbec subjected to double pruning
16:45 - 16:50	Carrillo, Natalia (ARG) Effects of plant material and rootstock on the productivity and quality of Malbec cultivar

Questions and Discussion from 16:50 to 17:00

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PROGRAM

Thursday 21st

Fieldtrip Day

8:30 – 9:30

Introduction to the field trip

Argentina's Regions and the Uco Valley

9:30

Departure from the Facultad Cs. Agrarias

Transport to Uco Valley – Coffee break to take

11:00 – 13:40

Fieldtrip Experience

Trip led by Guillermo Corona, Martin Kaiser and Liliana Martinez

13:40 – 15:10

Lunch

Service at the Uco Valley – Sponsored by Industria y Medicina

15:10 – 16:40

Return to Mendoza City

Transport to the city

19:00 – 21:00

Terroir Wine Fair

La Enoteca (Mendoza City)