

President of Sanguis Jovis Alta Scuola del Sangiovese: Prof. Attilio Scienza

Director of Sanguis Jovis Alta Scuola del Sangiovese: Prof. Alberto Mattiacci

Course secretary: Chiara Naso

Morning lectures: from 9 am to 12.30 pm

Afternoon lectures: from 2 pm to 6 pm

# MONDAY, SEPTEMBER 10

Climate change and vine.

The vine response to the climate change

#### MORNING

Welcome from Fondazione Banfi President. Rodolfo Maralli Course and Sanguis Jovis project introduction. Prof. Attilio Scienza

The Sangiovese area and its climate: current features and expectations. Dr. Luigi Mariani The climate change in the vineyard: the radical activity. Dr. Diego Tomasi

#### AFTERNOON

The climate change in the vineyard: ripening processes of Sangiovese. Prof. Gian Battista Mattii The climatic dilemma in the vineyards: adapting or innovating? Prof. Enrico Peterlunger Is it possible to foresee the climate change? Predictive models in viticulture. Prof. Simone Orlandini

#### **EVENING**

Taste & Talk. Discussion of dailiy topics

# TUESDAY, SEPTEMBER 11

The impact of climate change on physical, chemical and byological features of soils and on vine deseases

#### MORNING

Climate change and the land: adaptation processes of vine. Prof. Osvaldo Failla

Climate change and the land: the impact on italian wine-growing soil. Dr. Edoardo Costantini

Climate change responses: molecular tools for the vine. Prof. Carlo Pozzi

Climate change effects: the soil biome and the productive-vegetative activity of the vine.

Prof. Stefano Cesco

Climate change effects: the soil microbiome. Dr. Raffaella Balestrini

Climate change effects: fungi and insects. Prof. Ilaria Pertot

#### AFTERNOON

Visit at the experimental fields of Banfi.

Dr. Diego Tomasi, Prof. Osvaldo Failla, Dr. Edoardo Costantini, Prof. Lucio Brancadoro,

Dr. Roberto Miravalle

#### **EVENING**

Taste & Talk. Discussion of daily topics



## WEDNESDAY, SEPTEMBER 12

Climate change between science and market

#### MORNING

A viticolture with limited water resources: scenario and crop responses. Prof. Alberto Palliotti The digital transformation: the space economy and the precision viticulture. Dr. Luca Toninato Climate change and innovation: the new rootstocks in arid viticulture. Prof. Lucio Brancadoro

#### **AFTERNOON**

The wine between land, winery and market: a map. Prof. Alberto Mattiacci.
The digital transformation will help us: perspectives and cases. Dr. Nino Guarnacci
Cimate change impact on markets: a macro vision. Dr. Fabio Del Bravo
An economic perspective of sutainability. Prof. Silvio Franco

#### **EVENING**

Taste & Talk. Discussion of Wine Storytelling

# THURSDAY. SEPTEMBER 13

Climate change and wine: effects and changes

#### **MORNING**

The wine of the future: a vision. Prof. Luigi Moio

Will we drink differently? The climate change and the aromatic profile of grapes and wines. Dr. Maurizio Petrozziello

The climate change and must fermentation: new action plans. Dr. Paola Vagnoli

#### AFTERNOON

Discovering wine with the producers: a round table with winemakers. Visit at Banfi winery

#### **EVENING**

Taste & Talk. A surprise wine tasting

## FRIDAY, SEPTEMBER 14

Climate change and Sangiovese: between science and market

#### MORNING

Climate change and the polyphenolic profile: impacts on wine stability. Prof. Fulvio Mattivi, Prof. Pagiotis Arapitsas

Will the Sangiovese change? Quantity of proteins in Sangiovese based wines. Prof. Matteo Marangon

Will the Sangiovese change? The tannin in Sangiovese based wines. Prof. Paola Piombino Will the Sangiovese change? The response to the water stress. Prof. Stefano Poni Economic impact of climate change on viticulture. Prof. Eugenio Pomarici

#### AFTERNOON

Marketing: civil economics, climate change and marketing. Prof. Alberto Mattiacci Climate change and consumptions. Dr. Albino Russo

Sustainability and marketing: vision and methods. Prof. Carlo Alberto Pratesi Lectio magistralis: the economic impact of climate change on viticulture

#### **EVENING**

Farewell dinner at Castello Banfi and conferring of diplomas