

COMETA project

Quality testing of organoleptic properties of Coffee blends via genetic and METAbolic fingerprinting

PRESENTATION of the RESULTS

28 October 2019 - Rome

The event will include presentations of the current topics in the coffee industry, such as dilemmas regarding coffee production and quality. The experts of the panel will show the idea behind the **Cometa Project** and the final results will be presented, with particular focus on the implementation of a **hi-tech sensor** prototype, specifically designed in response also to an increasingly demanding new market trends.

Agenda:

09:30 - 10:00 Arrival of Participants, Registration and Welcome Coffee

10:00 - 10:20 Opening sessions *Gian Paolo Manzella, Secretary of State for the Ministry of Economic Development*

Session I: The reference framework

10:20 - 10:30 Introduces *Dott. Massimo Iannetta, ENEA Head of Division "Biotechnologies and Agroindustry" Department for Sustainability*

10:30 - 11:00 The COMETA Project idea - *Ilaria Danesi (Danesi Caffè)*

11:00 - 11:30 How climate change threatens coffee production areas - *Vincenzo Artale (ENEA)*

11:30 - 12:00 *Coffee Break*

12:00 - 12:30 Factors affecting coffee flavor: climate crisis and processing practices - *Mario Fernández Alduenda (CQI)*

12:30 - 13:00 Discussions

13:00 - 14:00 *Lunch buffet*

Session II: COMETA Project

14:00 - 14:30 Analytical characterization of coffee bioactive compounds to support the roasting process - *Chiara Fanali (UCBM)*

14:30 - 15:00 Evaluation of the espresso coffee organoleptic quality through chemical and sensory approaches - *Fiorella Sinesio (CREA-AN)*

15:00 - 15:30 Metabolomics applied to the study of coffee quality - *Gianfranco Diretto (ENEA)*

15:30 - 16:00 Genomic assessment on *Coffea arabica* and *Coffea canephora* species - *Ramona Lupi (Genechron)*

16:00 - 16:30 Sensor prototype for monitoring the roasting process - *Marco Santonico (UCBM)*

16:30 - 17:00 Discussions

17:00 - 17:30 Conclusions

***Admission fee:** free of charge (due to limited availability please confirm your participation by mail)

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