

FOOD MICRO SYSTEMS

INTERNATIONAL EXPERT WORKSHOP

MICRO-TECHNOLOGIES FOR THE WINE INDUSTRY

How can Micro technologies and Smart Sensors help the wine sector to improve quality and safety, and reduce processing costs.

March 11th, 2013

at INCAVI in Vilafranca del Penedès (Barcelona), SPAIN

www.foodmicrosystems.eu // The FoodMicroSystems project is supported by the European Union (FP7/2007-2013) under grant agreement n° 287634.

Coordinator ACTIA



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Microsystems for the Food Industry, trends and applications.

FoodMicroSystems is a project supported by the EU that started in September 2011. Its objective is to initiate the implementation of microsystems and smart miniaturized systems in the food sector by improving cooperation between suppliers and developers/users of microsystems for food/beverage quality and safety. In the food industry, microtechnologies can be used to micro-fabricate sensors and diagnostic systems. These technologies will significantly contribute to the economic benefit of European food industry by providing small and cost-efficient sensors and electronic systems with the added value of fast response for in-situ, on-line, or network solutions. In this way, it will contribute to an improved process control leading to overall food quality and, while reducing production costs, and strengthening consumer confidence.

Expert Workshop “Micro technologies for the wine industry”

The workshop is a follow-up of a previous event (Subirats, Barcelona, Spain, June 12th 2012) in which opportunities & challenges and barriers & drivers for the use of Micro-technologies for the wine industry were discussed. This workshop will bring together key players from the wine industry, equipment providers and specialists from the microsystems community with the objective of defining a roadmap for these applications.

As a coordination mechanism for the future, the roadmap is ensuring that demands of the wine sector are met by technological developments and will help future innovations in the sector.

If you are representing a company of the wine sector, by participating in the workshop you can direct the roadmap to goals that are of interest to your company and you will be able to initiate a collaboration and partnership that can really benefit your competitiveness.

If you are a researcher you will be able to show the maturity degree of your current developments and steer your future research in alignment with users' demands. In addition your inputs to the roadmap will be part of the conclusions sent to the European Commission for setting-up new R&D actions in the field of MNT for food in the Horizon-2020 Framework Programme (2014-2020).

PROGRAMM

09:30
Registration

10:00
Welcome and Tour de Table

10:15
Objectives of the Meeting: Defining R&D priorities on Sensors and Microsystems for the Wine Sector

10:30-11:00
Overview of the FoodMicrosystems Project

11:00-11:45
THEME 1
Raw material reception fast monitoring

11:45-12h:00
Coffee Break

12:00-12:45
THEME 2
Smart tanks (fermentation, yeast starters, 'tirage')

12:45-13:30
THEME 3
Smart barrels (fermentation, maturation)

13:30-14:30
Lunch Break and Networking

14h:30-15:15
THEME 4
Smart bottles (fermentation, maturation, bottling, logistics)

15:15-16h:00
THEME 5
Other on-site measurements (cleaning efficiency, organoleptic objectification)

16:00
Summary and Conclusions

16h30
End of Workshop

REGISTRATION
Participation for the workshop is free of charge, however, space is limited. Please register through our website www.foodmicrosystems.eu

VENUE

INCAVI: INSTITUT CATALÀ DE LA VINYA I EL VI
Plaça Àgora - Poligono Industrial Domenys II.
Vilafranca del Penedès (Barcelona) - SPAIN

BY PLANE: BARCELONA-EL PRAT INTERNATIONAL AIRPORT
Taxi from the Airport to Vilafranca del Penedès - about 45 Km.

BY TRAIN FROM BARCELONA CITY CENTRE:
Take RENFE-Cercanias R4 line to Vilafranca del Penedès.
Two trains per hour. Duration of the trip is 50 minutes.

