

# FOOD MICRO SYSTEMS

## INTERNATIONAL EXPERT WORKSHOP INNOVATIVE PROCESSES AND ANALYSIS METHODS FOR THE MEAT INDUSTRY

How can Micro technologies and Smart Sensors help the Meat Industry to improve food quality, reduce cost, and strengthen consumer confidence?

February 21<sup>th</sup>, 2013 at My City Hotel in Tallinn

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

Coordinator **ACTIA**



## CONTACTS

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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, including the necessary sample preparation that will detect and quantify pressure, acceleration, humidity, temperature, physical damage and exposure to radiation, but also chemical and biological agents. Microtechnologies will significantly contribute to the economic benefit of European food industry by providing small and cost-efficient sensors, filters and other structures. In this way, it will contribute to the overall food quality, reduce cost, and strengthen consumer confidence.

### Expert Workshop “Innovative Processes and Analysis Methods for the Meat Industry”

This workshop will bring together specialists from the microsystems community with equipment providers and key players from the food industry. The objective is to assess opportunities & challenges and drivers & barriers for the use of micro technologies and smart systems in the food industry. The workshop will set the grounds to an application driven technology roadmap that can draw the foundations for future collaboration between the meat industry and the microsystems community, support strategy decisions, and supply investors and funding bodies with guidelines to support their investment decisions.

## PROGRAMM

**09:30**  
Registration, Coffee and Networking

**10:00**  
Welcome & Overview  
of the FoodMicroSystems Project  
and Funding Opportunities,  
Christophe Cotillon, ACTIA (French  
network of technical centres at the  
service of food companies), France

**10:15**  
Opportunities for Microsystems  
in the Meat Sector, Elisabeth Delevoeye,  
CEA (French Alternative Energies  
and Atomic Energy Commission)

**10:45**  
Round the table introduction of all  
participants and their background

**11:30**  
Coffee Break and Networking

**11:50**  
FoodMicroSystems Roadmapping  
Methodology and the Meat Supply  
Chain, Patric Salomon, enablingMNT,  
Germany

**12:30**  
Lunch Break and Networking

**13:40**  
**BREAK-OUT SESSION 1**  
New Microtechnologies for innovative  
processes in Meat Production...  
And the needs of the Meat Industry

**14:20**  
Coffee Break and Networking

**14:50**  
**BREAK-OUT SESSION 2**  
Microsystems for analysis and quality  
control for the Meat Industry...  
And the needs of the Meat Industry

**15:30**  
Summary from Break-out sessions;  
discussion and questions; what are  
the major challenges?

**16:00**  
**Summary and Conclusions**  
- “R&D Project Needs”  
- “Recommendations to the EU”  
- “Challenging topics to be discussed  
further”

**16:30**  
End of Workshop

**REGISTRATION**  
Participation for the workshop is free  
of charge, however, space is limited.  
Please register through our website  
[www.foodmicrosystems.eu](http://www.foodmicrosystems.eu)

In case you have any questions,  
please contact **Mariann Nõlvak**, Tartu  
Biotechnology Park (local organiser),  
**Elisabeth Delevoeye** or **Patric Salomon**,  
enablingMNT (international contacts).

## VENUE

**MY CITY HOTEL**  
Vana Posti 11/13 - Tallinn, Estonia  
[www.mycityhotel.ee/en/Home](http://www.mycityhotel.ee/en/Home)

**BY PLANE:** TALLINN LENNART MERI AIRPORT

The bus stops are located on floor 0, taxi stop is located on floor 1.

- 1 Public Transport, BUS nr K90 (Airport-City Centre). Stop: No 5: Freedom Square/Vabaduse väljak (300 m to the hotel)
- 2 Airport Shuttle
- 3 Taxi, from the Airport to My City hotel is about 5 km (15 min).

