

Refrigeration Innovations and Cold Chain Management

**FRISBEE Project Workshop at ICEF 11
 26th of May 2011, Hilton Hotel, Athens, Greece**

FRISBEE PROJECT

Management of the cold chain is of major importance, highly correlated to food safety and quality, energy consumption and environmental impact. FRISBEE (Food Refrigeration Innovations for Safety, consumers' Benefit, Environmental impact and Energy optimization along the cold chain in Europe) is a Research Project dealing with Innovation in the Food Cold Chain. The objective of FRISBEE is to provide new tools, concepts and solutions for improving refrigeration technologies throughout the European food cold chain.

Among the tasks within the project, new innovative mathematical modeling tools will be developed that combine food quality and safety together with energy, environmental and economic aspects, to predict and control food quality and safety in the cold chain.

The FRISBEE project (<http://www.frisbee-project.eu>) will also develop a comprehensive database of the cold chain in Europe, identify refrigeration needs and available current technologies in the food industry, and investigate consumer needs and expectations with respect

to the food cold chain. The project is developing new tools, concepts and solutions for improving refrigeration technologies along the European food cold chain.

The 4-year project (2010-2014) is funded primarily through the EU's 7th Framework Programme, and has 26 partners; 13 of which are companies, 11 research institutes or universities, and 2 NGOs.



PROGRAMME

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|-------|--|-------|--|-------|--|
| 14:30 | Welcome & Introduction | 15:40 | Influence of ambient temperature on food safety in refrigerated display cabinets
Onrawee Laguerre,
CEMAGREF, France | 17:10 | The potential for Superchilling to enable safe, high quality and long term storage of foods
Ingrid Camilla Claussen,
SINTEF Energy Research, Norway |
| 14:40 | New tools, concepts and solutions for improving technologies throughout the European food cold chain, the FRISBEE project
Graciela Alvarez,
CEMAGREF, France | 16:00 | Coffee Break | 17:30 | Computer-Aided Food processes for control Engineering, European project CAFE
Antonio Alonso,
CISC, Spain |
| 15:00 | Management and Optimization of the cold chain and the development of the Cold Chain Database
Petros Taoukis,
National Technical University of Athens, Greece | 16:30 | Improvement of existing concepts and refrigeration technologies: Advanced control and thermal storage applied to food refrigeration
Denis Leducq,
CEMAGREF, France | 17:50 | Design and development of REAListic food Models with well-characterised micro- and macro-structure and composition, European project DREAM
Monique Axelos,
INRA, France |
| 15:20 | Towards a framework for evaluation of energy consumption, sustainability and associated food quality in the European chill chain
Bert Verlinden,
VCBT – Flanders Centre of Postharvest Technology Leuven, Belgium | 16:50 | Emerging refrigeration technologies at laboratory scale to improve food quality and reduce environmental impact and energy consumption
Judith Evans,
London South Bank University, UK | 18:10 | FRISBEE Open Discussion and Reception |

Location

The FRISBEE Workshop venue will be the Athens Hilton Hotel.

The workshop is a satellite event of the 11th International Congress on Engineering and Food 'Food Process Engineering in a Changing World', ICEF11. ICEF11 will be held on May 22-26, 2011, in Athens, Greece.

Accommodation & Information

The workshop will take place at the Athens Hilton Hotel, 46 Vassilissis Sofias Avenue, Athens, Greece. For accommodation and further information about the location, visit <http://www.icef11.org>

Registration & Cost

The FRISBEE workshop is free of charge. ICEF11 delegates are invited to participate in the FRISBEE Workshop. If you are interested in the workshop, send an e-mail to frisbee@chemeng.ntua.gr to confirm your participation.

Contact

FRISBEE Project coordinator Graciela Alvarez Cemagref, Research Unit GPAN
phone : +33 140 966 017, e-mail : graciela.alvarez@cemagref.fr



www.frisbee-project.eu

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