

Workshop Title :

DataBase and Simulation Tools for refrigeration on cold chain: Frisbee Database and Tools

Participants :

	Name	Chair/Speaker	Affiliation
1	Graciela ALVAREZ	Chair	IRSTEA Vice President Commission C2
2	Graciela ALVAREZ	Speaker	IRSTEA
3	Denis LEDUCQ	Speaker	IRSTEA
4	J.Evans	Speaker	LSBU
5	James Carson	Speaker	U. Massey President Commission C2



Abstract:

• Objective

The objective is to coordinate an international working party on data collection and prediction tools sharing results and models on Food refrigeration food Cold chain.

• Background

Several Commission C2 members have been involved in the highly successful European the FRISBEE project (Graciela Alvarez, Commission C2 vice-president was the scientific leader of FRISBEE Project). This project has been set up to provide new database and tools, concepts and solutions for improving refrigeration technologies along the European food cold chain.

A Commission C2 working party looking at data and models for food chilling and freezing provided important underpinning knowledge for this project.

During the last meeting of the Commission that there would be value in extending the FRISBEE project beyond Europe to international.

To that end, a working party for Data base And Tools *FRISBEE International* (the international extension of the original FRISBEE project) it will be lead by Graciela Alvarez is scheduled to be launched in 2015. A first Workshop on the framework of for *FRISBEE International* will be held at the International Congress in Yokohama in 2015. Commission C2 is most active within Europe, so this event will provide an ideal opportunity for commission members outside Europe to increase their involvement. All IIR members and those in attendance at the Congress with an interest in food refrigeration are invited to attend.

• Presentations

- Introduction Overview of the Food Refrigeration Innovation along cold chain in Europe the FRISBEE project by Graciela ALVAREZ. 15 minutes



- The FRISBEE Database of Cold Chain, Demonstration and potentialities by Graciela ALVAREZ. 15 minutes.
- The FRISBEE Simulation Tool Quality Energy-Environmental impact along cold chain G. ALVAREZ. 15 minutes
- The management of energy and advanced control along cold chain by Denis LEDUCQ 15 minutes
- Refrigeration emerging technologies and superchilling along cold chain by J. EVANS 15 minutes
- Data and Models in Cold Chain in Australia and International perspective by James Carson 15 Minutes

• Discussion

Debate discussion and future working plan 10 minutes by Graciela ALVAREZ

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