

Workshop Title : Magnetic Refrigeration for Commercial refrigerated appliances

Participants :

	Name	Chair/Speaker	Affiliation
1	Mr Vincent Delecourt	Chair/Speaker	Cooltech Applications
2	Mr Pierluigi Schiesaro	Speaker	Arneg Spa
3	Dr. Jochen Kopitzke	Speaker	Philipp Kirsch GmbH
4	Mr Guillaume Zanlorenzi	Speaker	O.C.F



Abstract :

- Objective

Provide a discussion related to the industrialization of Magnetic Refrigeration systems (M.R.S) and its first integrations within Commercial refrigerated Equipment. Discuss the next steps before market introduction in display cases, medical refrigerators or tailor-made food coolers.

- Background

Magnetic cooling has been developed for commercial applications for more than 10 years. A huge number of patents have been issued and first product exhibitions have already been shown to end users (e.g First display case with a M.R.S shown at Arneg's booth at EUROSHOP 2014 in Germany). Stricter environmental regulations, specifically in Europe, drive the market to find out sustainable alternative to refrigerant gas. The presentations and panel discussion will give the opportunity to discuss the ways to speed up the market entrance of such a technology. Strong relationships between the New Technology industrial developers, Equipment manufacturers (OEM) and End users (supermarkets, food industrials,..) can be one of them.

- Presentations

Presentation1 (15 min): Magnetic Refrigeration System (M.R.S) - its industrialization status, product integrations, and perspectives (Mr Vincent Delecourt – Cooltech Applications)

Presentation 2 (15 min): Magnetic Cooling within Commercial refrigerated equipment (Mr Pierluigi Schiesaro – ARNEG Spa)

Presentation 3 (15min): Advantages of magnetic cooling for Medical refrigeration (Dr Jochen Kopitzke- Philipp Kirsch GmbH)

Presentation 4 (15 min): Magnetic cooling, one another way to differentiate for premium tailor-made food coolers (Mr Guillaume Zanlorenzi- OCF)



- Discussion (40 min)

Includes the speakers from the Presentations and potential End Users and Universities as well as:

- Magnetic Refrigeration systems – (Mr Christian Muller – Cooltech Applications)

Question 1: What are the concrete actions, market actors and organizations can implement to allow the technology to be quickly introduced?

Question 2: What are the barriers that still have to be removed before Magnetic Cooling market introduction?

Contact Information :

1. Name: Mr Vincent Delecourt
2. Affiliation/Organization name: Cooltech Applications
3. Address: impasse Imbs 67810 Holtzheim (France)
4. E-mail address: v.delecourt@cooltech-applications.com