

## 5<sup>th</sup> IIR Conference On Sustainability and the Cold Chain (ICCC2018)

First Announcement and Call for Papers



Beijing China

April 6-8, 2018



The ICCC conference has been held since 2010 in France, the UK, and New Zealand and has grown into a medium-sized biennial conference attracting an average attendance of 180 conference delegates. It is recognized worldwide as a cutting-edge event on the cold chain addressing the ever-increasing demand for knowledge-sharing in this essential sector.

ICCC2018 will spotlight cold chain and sustainability in refrigeration, air conditioning and heat pumps. The conference will welcome an international audience of researchers and industrialists, bringing together all cold chain stakeholders. Among topics covered will be food, pharmaceuticals and other applications to explore the latest developments and key technology trends.

### Important Dates

Abstract due: September 30, 2017

Abstract acceptance: October 31, 2017

Full-length paper due: December 31, 2017

Early registration ends: February 20, 2018

### Scope

Papers dealing with any aspect of the following topics from fundamental sciences to applied technologies are solicited. Papers are being sought on the following key topics:

#### Cold Chain

- Process and equipment design innovation
- Storage, transportation and logistics
- Modeling and predictive tools for cold chain optimization
- Food quality and food safety in the cold chain
- Progress in domestic, retail and commercial refrigeration
- Pharmaceutical cold chain

- Cold chain in developing countries
- Technology for cold chain monitoring
- “Big data” handling and analysis of cold chain conditions
- Modeling product responses to conditions
- Predictive food quality and safety
- Corrective actions in the cold chain

#### Sustainability in Refrigeration, Air Conditioning and Heat Pumps

- Integration of heating, cooling and heat pumps
- Refrigerants, containment and refrigeration in the future
- Innovative technologies
- Life-cycle analysis of cool chain systems and supply chains
- Carbon foot-printing
- Energy efficiency in the cold chain
- Renewable energies in the cold chain

### Abstracts

Authors are kindly requested to submit an abstract of approximately 150 words in English. The abstract should contain:

- 1) title of the paper;
- 2) authors' name and affiliation;
- 3) paper abstract;
- 4) keywords;
- 5) name, full address, phone number and email address of the author to whom subsequent correspondence should be directed.

The abstract should include the objectives, results, and conclusion. All full papers will be peer-reviewed and the accepted papers will be included in the conference proceedings that will be published in bound volumes available after the conference.

## Preliminary Program

<b>Friday, April 6</b>	Registration
	Welcome reception
<b>Saturday, April 7</b>	Plenary Sessions
	Parallel Sessions
	Conference dinner
<b>Sunday, April 8</b>	Plenary Sessions
	Parallel Sessions
	Conference ending
<b>Technical Tour</b>	China refrigeration exhibition (April 9-11)

## Conference Language

The official language used in the conference will be English. Papers are to be written and presented orally in English.

## Registration and Submission

Please visit the conference website ([www.iccc2018.org](http://www.iccc2018.org)) to register online.

All abstracts and papers must be submitted through the conference website.

## Sponsorship

A wide range of sponsorship packages are available which will enable participation of companies and organisations irrespective of size.

A guideline as to available standard packages can be found on the conference website ([www.iccc2018.org](http://www.iccc2018.org)).

## Liaison

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