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**Editors:** 

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## SPEAKER PROGRAMME: THURSDAY MORNING

8:30-8:45am IIR Welcome - LT300

8.45-9.35am Plenary Session - LT300: Efficiency and Innovation in Cold Stores - Opportunities and Barriers Judith Evans N/A

ROOM	LT100	LT200 Superchilling And Supercooling Chair: James Carson	LT300  Ammonia Systems  Chair: Don Cleland
9.35-10:05am KEYNOTES		State of the Art: Superchilling in the Food Processing Industry 1 Erlend Indergård; Michael Bantle; Tom Nordtvedt; Ingrid Claussen	Women in the Cold Chain Industry 17 I. Colombo, C. Marques, J.Evans, M. Kauffeld, M. Tarlea, S. Founier
10:05-10.25am		Effect of supercooling on the cutting of frozen Atlantic salmon ( <i>Salmo salar</i> ) fillet Youn Ju Lee; Manabu Watanabe; Toru Suzuki 9	Sustainable Development of Transport Refrigeration Sector in South Africa 25 Michael Schuster; Daniel Colbourne; Bill Wilson; Zhongjie Huan; Thomas Michineau
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	Retail Display Cabinets Chair: Young Min Shim	Modelling Chair: Sunny George Gwanpua	Refrigeration Developments Chair: Mike Odey
11:00-11:20	Performance Improvements of R744 Glass Door Merchandiser Using Low-cost Two-phase Ejector 33 Neal Lawrence; Stefan Elbel	Toward a fast and flexible heat transfer model for horticultural products packaged into boxes Jamal Olatunji; Andrew East; Richard Love; Young-Min Shim; Maria Ferrua 65	A Cascade Heat Pump for Water Heating 96  Don Cleland, John Cavill, Dick Johnson
11:25-11:45	Thermal comfort in the supermarket environment - multiple enquiry methods and simultaneous measurements of the thermal environment 41  U. Lindberg, P Fahlén, M. Axell, N. Fransson	A CFD study of adapting on-off cooling cycles in apple cold stores for energy saving Willem Gruyters; Alemayehu Ambaw Tsige; Ann Schenk; Sunny George Gwanpua; Annemie Geeraerd; Pieter Verboven; Bart Nicolai 72	Investigating the Characteristics of R-1234ze and R-134a in Micro-fin and smooth tube 104 during horizontal two-phase flow boiling Abdul Kaggwa
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12:35-1:25pm Lunch

# SPEAKER PROGRAMME: THURSDAY AFTERNOON

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1:55-2:15pm		Freeze stability of starch mixtures. Interest of konjac glucomannan in reducing the freezable water and impact on other gelatinization properties of potato starch <i>Patricia Le-Bail</i> 134	Development of Phase Change Cold Storage Material for Refrigerated Transportation of Fruits and Vegetables 162 R Xie, W Tao, G Liu
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3:05-3:25pm Afternoon Tea

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10:25-10:55	Morning Tea		
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12:35-1:25pm Lunch

Stefan Jensen

# SPEAKER PROGRAMME: FRIDAY AFTERNOON

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3:05-3:25pm Afternoon Tea

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10:20-10:40am Morning Tea

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12:20-12:40pm LT200 – IIR Closing Ceremony