



FOOD, AGRICULTURE AND FISHERIES, AND BIOTECHNOLOGY



FRISBEE

Food Refrigeration Innovations for Safety,
Consumers' Benefit, Environmental Impact and
Energy Optimisation Along the Cold Chain in
Europe.

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- On the project Portal
- On the FRISBEE Intranet (<http://www.projects-gateway.com/FRISBEE/>)

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1. Scientific journals:

- Flick D., Hoang M.H. Derens E., Alvarez G., Laguerre O., 2011, Combined deterministic and stochastic approaches for modelling the evolution of food products along the cold chain. Part I: Methodology, *International Journal of Refrigeration*, submit in June 2011, correction in progress.
- Hoang M.H., Flick D., Derens E., Alvarez G., Laguerre O., 2011, Combined deterministic and stochastic approaches for modelling the evolution of food products along the cold chain. Part II: Case Study, *International Journal of Refrigeration*, submit in June 2011, correction in progress.
- Gwanpua S.G., Verlinden B.E., Hertog M.L.A.T.M., Bulens I., Van de Poel B., Van Impe J., Nicolaï B.M., Geeraerd A.H. (2011). Kinetic modeling of firmness breakdown in 'Braeburn' apples stored under different controlled atmosphere conditions. *Postharvest Biology and Technology (submitted in September 2011)*

2. International conferences:

- Laguerre O., Hoang M., Alvarez G., Flick D., 2011, Influence of room temperature on food safety in refrigerated display cabinet, International Congress on Engineering and Food (ICEF), Athens, 22- 26 Mai 2011, n°MFS089.
- Hoang M.H., Flick D., Derens E., Alvarez G., Laguerre O., 2011, Evaluation of food safety along the cold chain by deterministic and stochastic approaches, International Conference of Refrigeration (ICR), Prague, 21-26 Août 2011, N°512
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- O. Laguerre, M. Hoang, G. Alvarez, D. Flick (2011) Influence of room temperature on food safety in refrigerated display cabinet .ICEF Congress Athens Pp1841.
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- J. Evans, T. Brown, D. Leducq, G. Alvarez, P. Verboven, B. Nicolaï, A. Geeraerd, E. Wissink, I. Claussen, E. Indergård, J.M. Lagarón, R. Pérez Masiáf., S. Mousset, A. Soysali, M.-C. Zelem, N.Wilson (2011).Emerging refrigeration technologies at laboratory scale to improve food quality and reduce environmental impact and energy consumption . ICEF Congress Athens Pp2251
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- Van der Sluis S.M. (2011) "Modelling ice crystallization in the cold chain using Wintix". 23th International Congress of Refrigeration Congress Prague. 2 pages
- Graciela Alvarez, A. Geeraerd , D. Leducq , J.Evans , E. Wissink , E. Indergård ,C. Cotillon ,P. Taoukis (2011)Innovation on Food Refrigeration: concepts and solutions for improving technologies along the European food cold chain .23th International Congress of Refrigeration Congress Prague. 2 pages.
- Denis Leducq, P. Schalbart, F. Trinquet, G. Alvarez, B. Verlinden, P. Verboven, S. van der Sluis, E. Wissink, F. Jay, M. Pirani , E. Indergård (2011)"Thermal energy storage : a key technology for the food cold chain "23th International Congress of Refrigeration Congress Prague.2p.
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- Development and potential application " 23th International Congress of Refrigeration Congress Prague. 2p
- Brown, T., Foster, A.M. and Evans, J.A. (2011). Mathematical modelling of air cycle systems for combined heating and cooling. The 23rd IIR International Congress of Refrigeration, Refrigeration for sustainable development August 21-26, Prague. 6 pages.
- Petros Taoukis, George Katsaros, Theofania Tsironi, Efimia Dermesonluoglu, Eleni Gogou (2011). The development of a European Cold Chain Data Base as a tool for management and optimization of the food cold chain. 2011 EFFOST Annual Meeting, 9-11 November. 2011 EFFoST Annual Conference ;Process-Structure-Functions-Relationships9 - 11 November 2011 • Berlin, Germany