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« The scientific expertise

for the dairy sector worldwide »



MESSAGE FROM THE DIRECTOR GENERAL



Dairy science and industry applicability

The “continuous improvement process” initiated within IDF aims at increasing efficiency and maximising value to all stakeholders. At all stages of our activity, we seek new opportunities to make our work more valuable. This implies a clear consideration of what is really useful, impactful and applicable for industry in the broadest sense.

Many ways have been considered to improve the industrial applicability of our results which should become standard practice to get more value. So far, the measures taken include:

- Incorporation of representatives of the industry in key decision bodies with increased systematic monitoring of market challenges and business priorities;
- Better focus on projects with higher impact on dairy markets;
- Identification of items/opportunities of relevance and value for the industry when defining main objectives of work;
- Relevant and effective information and communication of achievements and success from the IDF programme of work, publications, events and activities;
- Highlighting applicability of outcomes of IDF work and their benefits for the industry and dairy chain at every occasion and mainly at main IDF events, culminating at the World Dairy Summit.

As we are also eager to learn from best practices applied by colleagues in their own environment, we always appreciate any further suggestions. The best constructive ideas will be promoted to contribute to the dynamism of dairy, to the benefit of all.

Contact:

[Christian Robert](#), IDF Director General.



Codex Committee on Food Labelling endorses labelling provisions of revised Codex standards for individual cheese varieties

Following the failed attempt in 2006, the Codex Committee on Food Labelling has reconsidered and finally endorsed the labelling provision for mandatory labelling of the Country of Origin in the 16 Codex Standards for named cheese varieties at its current 35th Session, held in Ottawa/Canada from 30 April to 4 May 2007.

IDF had in a timely manner provided CCFL delegations with an explanatory document containing background information on the purpose of the labelling provisions in question and presentation of mandatory country of origin information on labels. The IDF paper essential for reconciling the different country positions was circulated to Codex members and observers world-wide in the three official languages of Codex prior to the meeting.

The Codex committee expressed great appreciation of the work done by IDF leading to the endorsement on the particular labelling provisions as the only remaining obstacle to finalization of the revised Codex Standards for named cheese varieties after more than a decade of work by the Codex Committee on Milk and Milk Products and IDF. The CCFL outcome should pave the ground for final adoption of the new standards at the next session of the Codex Alimentarius Commission in July 2007. Following final adoption, the old cheese standards, which date back to the early 1960s, will be withdrawn.

The revised Codex standards reconfirm the generic nature of the cheese varieties concerned and are regarded as a major achievement of IDF in terms of reflecting current knowledge in dairy science and contemporary cheese manufacturing technology in international Codex regulations as well as of leaving room for further development and product innovation in the dairy industry.

The IDF delegation at CCFL, composed of C Frye (US), R Bouchard (CA) and J Seifert (IDF), will report to IDF National Committees and IDF regulatory experts in more detail on the outcome of the current Codex session. The IDF observers' report will be available from the IDF Intranet in due course.



The IDF delegation at CCFL: from left to right Jörg Seifert, Cary Frye, Réjean Bouchard.

Contact:

[Jörg Seifert](#), IDF Technical Director.

IDF/TEAGASC International Symposium on Advances in Milking, 11 April 2007, Cork, Ireland

We are heading towards bigger farms and less labour input per kg of produced milk. However consumers still demand top quality of milk and milk products. Consequently, milking equipment must stay top tuned and milkers must have the necessary skills to operate the huge milking parlours. The IDF International symposium "Advances in Milking" with 140 participants was a step forward in understanding and using the latest technologies within milking and testing of equipment that facilitate this efficiency process. The symposium included sessions on: Machine design and testing; ISO standards for conventional and AMS systems; Influence of milking systems on teat and udder physiology; Milking systems, milk quality and milking efficiency.

Genetic improvement and higher milk yields set higher demands on milking equipment. Development of testing equipment is a step forward to continuous monitoring of the milking process. The two first sessions of the symposium focused on test procedures and testing equipment for monitoring the milking process. The symposium gave an insight to new test equipment and future possibilities for diagnostic tests and interpretations. We are heading towards more or even full automation of milk harvesting and the role of the farmer moves in the direction of surveying the milking process, extracting major indicators of production and health, and perform management based on processed data. The IDF Standing Committee on Farm Management foresaw this development and initiated the development of international standards for automatic milking installations. The current standards for milking installations were also reviewed. Major highlights of these standards were presented at the symposium.

Contact:

[Morten Dam Rasmussen](#), Member of the Scientific Committee of the Symposium

IDF 5th International Symposium on the Challenge to Sheep and Goats Milk Sectors, 18-20 April 2007, Alghero, Italy

Record Attendance

About 300 delegates, including a significant number of postgraduate students from 30 countries, attended the event. IDF was represented by its Director General, Christian Robert, and Technical Director, Joerg Seifert. The IDF Director General took the opportunity to address specific messages towards young PH D scientists and dairy specialists to prompt them to join and contribute to the IDF working groups.

A total of 24 lectures were presented, and 163 posters exhibited. The combination of an interesting programme and a very charming venue resulted in attracting more participants than at previous events of this type.



Objectives

The Symposium was hosted by the Istituto Zootecnico e Caseario per la Sardegna, the IDF and the Italian National Committee of the IDF. It was the fifth in a series of events presenting latest findings in the research area related to the sheep and goats dairy sector. The overall objective of the Symposium was to provide comprehensive insight into the most recent knowledge including latest research findings on husbandry and milk production, technology, chemistry, physics, microbiology, nutrition etc, without losing sight of the significance of markets and appropriate policies. The core themes were related to the sheep and goat milk, processing and product, characteristics of the product and market and perspectives.

Conclusions

The high number of delegates that attended the Symposium demonstrated that the sheep and goat sector increasingly stimulates high interest in the world.

Several aspects were presented and discussed over a three-day programme.

In the field of raw milk, genetic, analytical and quality aspects were approached, particularly to enhance the nutritional and beneficial effects for human health.

New process treatments for this sector were presented while, particular interest was given to functional products.

Nutritional and health components together with the analytical and sensorial aspects were presented in the session dedicated to the characteristics of the products.

Finally market aspects focused on the valorisation of the traditional and "artisanal" cheeses.

Next IDF Symposium on Sheep and Goats Milk Sector : proposed to be held in Greece in 2010 or 2011



From left to right: Antonio Pirisi, chair of the Programme Committee, Christian Robert, Director General of IDF and Giovanni Piredda, chair of the Organizing Committee.

Contact:

[Antonio Pirisi](#), Chair of the Event Scientific Programme



PROMOTION OF IDF



International conference “Global Vision for Dairy and Beef” organized in Istanbul, Turkey, 24 March 2007

In presence of several ministers of agriculture of various countries invited to the conference, jointly organized by the Turkish Ministry of Agriculture and Rural Affairs and SETBYR (the dairy association of Turkey), IDF Director General, Christian Robert, had the opportunity to participate as speaker and panellist and deliver a presentation around the theme “Dairy world – prospects for 2015 and beyond”.



This very international event honoured by the presence and opening speech of the Prime Minister R.T. Erdogan was also an excellent opportunity to meet representatives of the dairy sectors of each continent.

The visit to Turkey was also exploited as a possibility to organize a specific meeting with key representatives from the government and from several local and multinational operating companies during which the IDF Director General delivered a presentation on IDF activities and potential contribution of IDF to the Turkish dairy sector, with the aim of preparing to the possible set up of a Turkish IDF National Committee.

Presentation of the Director General of IDF to Turkish representatives of the government, the dairy sector and also operating companies



Starting from the Director General of IDF, to the left: Dr. N. Yavuz (EGEVET) and Mrs. S. Timuray (Danone), and to the right: Mr. E. Bahçivan (General Manager of SETBIR), Dr. N. Artik (Ministry of Agriculture) and Mrs. M. Us (Secretary General of SETBIR).

Contact:

[Christian Robert](#), IDF Director General.

COLLABORATION WITH PARTNERS

Visit of IDF Head Office to FOSS Headquarters in Denmark

In the context of the change of management and the assignment of Steen Kold-Christensen, the IDF Director General and the IDF Technical Director visited FOSS headquarters at the end of March 2007. This meeting was very appreciated by the management of FOSS, which confirmed their willingness to engage in a closer relationship of collaboration with IDF in the future.

All parties had the opportunity to discuss in detail the new orientation of IDF as a consequence of the Strategic Review as well as the opportunity for FOSS to get involved in the future organization of future IDF events.



From left to right: Steen Kold-Christensen, Trine Andersen, Jörg Seifert, Christian Robert and Torben Ladegaard (COO)

Contact:

[Christian Robert](#), IDF Director General.



COOPERATION WITH NATIONAL COMMITTEES

New work items /Questionnaires under consideration of IDF National Committees

Ref.	Title	Deadline
New Work item		
07/04	New opportunities and challenges in production and bio-activity of functional dairy foods	24 May 2007
Questionnaires		
0107/SC QASADS	Approval for Joint ISO-IDF publication of international standards Milk — Definition and evaluation of the overall accuracy of alternative methods of milk analysis ISO 8196-1, 2 & 3 IDF 128-1, 2 & 3	12 July 2007
0207/SCAMAC	Approval for Joint ISO-IDF publication of international standards Milk and milk products — Determination of organochlorine pesticides and polychlorobiphenyls — Method using capillary gas-liquid chromatography with electron-capture detection ISO 8260 IDF 130	28 July 2007
0307/SCMCM	Approval for Joint ISO-IDF publication of international standards Milk fat products — Determination of water content — Karl Fischer method ISO 5536 IDF 23	12 August 2007

Circulars

Circular 07 1 Call for tenders Summit 2010 - 30 July 2007

Circular 07-2 IDF Award 2007 – 15 July 2007

New work items recently endorsed by IDF National Committees

07/01 **Review of the recommended range of Iodine content in milk, milk products and cattle feeds and review of related farming practices**

07/02 **Fermented milks functional cultures, processing, control and health aspects**

07/03 **Microstructure of dairy products**

Contact:

[Joerg Seifert](#), IDF Technical Director



LIAISON WITH INTERNATIONAL ORGANIZATIONS



First Session of the Codex Committee on Contaminants in Foods - Beijing, China, 16-20 April 2007

The meeting was chaired by the Netherlands, and hosted by China. More than 200 participants were present, representing 60 countries and 16 International Organisations. IDF was represented by L Peng (CN), M Yu (CN) and A Dubois (IDF Head Office).

CCMAS - Methods of analysis for the determination of dioxins and PCB

In reply to the CCMAS, the CCCF will provide a list of matrices for food and feed products, among them Milk and dairy products, and a range of levels for determination of dioxins and PCBs. At its next session, the CCCF may collect values from other surveys if normal ranges are different, and send an update, if necessary, to CCMAS.

Matters referred from FAO/WHO Active Chlorine

A Joint FAO/WHO Joint Expert Consultation on Active Chlorine will take place in late 2007. A call for experts is open until 15 May 2007, specifically looking for information on alternative treatments, and for experts from a wide range of expertise: chemistry, biology, toxicology, food processing and risk assessment. (see http://www.fao.org/ag/agn/food/risk_chlorine_en.stm).

POPs Surveillance: 4th WHO-Coordinated Survey of Human Milk

In response to the Stockholm Convention on Persistent Organic Pollutants (POPs), WHO has launched its 4th WHO-Coordinated Survey of Human Milk, which now includes all twelve POPs covered by the Convention, including dioxin and PCBs. The latest version of the protocol guidelines can be accessed through the WHO Food Safety Website at <http://www.who.int/foodsafety/chem/pops/en/index.html>.

General Standard for Contaminants and Toxins in Foods (GSCTF) - Draft preamble

Many changes in the draft preamble are needed as a result from the splitting of the former CCFAC. The working group will be reconvened and will produce a new document for the next session, taking into account the comments made by the Codex secretariat and the members at the present meeting. The CCCF agreed to include a definition for Codex maximum level for a contaminant in the Procedural Manual. Some amendments were made in the Schedule I, such as: CCCF agreed to reorganize the contaminants in the following four categories: metals, mycotoxins, other chemicals, radionuclides. The format of Schedule I, including the food categorization system for the Codex GSTCF, will be discussed at the next session.

Next session

The 2nd session of the CCCF will be held in The Netherlands, likely from 31 March to 4 April 2008, in The Hague.

The IDF observers' report will be available from the IDF Intranet in due course.



From left to right: A. Dubois (IDF Head Office), L. Peng (CN) and M. Yu (CN)

Contact:

[Aur lie Dubois](#), IDF Assistant to Technical Director

IDF EVENTS

IDF WORLD DAIRY SUMMIT 2007, Dublin, Ireland

Featured talks in the Dairy Policy & Economics Symposium on *The Economics of Environmental Issues*

This session will take place on the afternoon of Tuesday 2nd October. Papers will include Dr Yelto Zimmer of FAL Braunschweig speaking on "The Impact of Biofuels". This development is having substantial indirect effects on dairying, in terms of both competition for agricultural land and raising the price of cereals. This in turn raises feed costs for dairy farmers and increases the competitiveness of grass-based production.

Henning Steinfeld of the FAO has been asked to speak on "Dairying and Greenhouse Gases". With methane having 20 times the greenhouse impact of carbon dioxide, this is becoming a significant issue.

The chairman of the Australian Dairy Council is due to speak on "Global Warming". Is Australia's series of droughts a warning for all of us?

Mark Leslie of Fonterra has been asked to speak on "Foodmiles and Carbon footprints" Is the Foodmiles concept a new consumer concern or does local production often involve higher fuel expenditure in other ways?

Contact:

[Phil Kelly](#), Secretary, Organizing Committee WDS 2007

Upcoming events

- [IDF Symposium on Lactose & Lactose Derivatives](#) 14-16 May 2007, Moscow, Russia
- [IDF Regional Conference on Fermented Milks – Technology and Nutrition](#), 17 May 2007, Moscow, Russia
- [IDF/ISO Analytical Week](#), 21-25 May 2007, Munich, Germany
- [IDF World Dairy Summit](#), 29 September - 4 October 2007, Dublin, Ireland
- [INTER-ICE 2007 / Third IDF International Symposium on Ice Cream](#), 4-6 December 2007, Cologne, Germany
- IDF/FAO Symposium on Revolution in Food Safety Management, 13-15 February 2008, Bali, Indonesia
- [IDF Symposium on Cheese Ripening](#), 9-13 March 2008, Berne, Switzerland
- Third IDF Dairy Science and Technology Week, 12-16 May 2008, Quebec, Canada
- IDF/ISO Analytical Week, 19-24 May 2008, Montreux, Switzerland
- IDF World Dairy Summit, 9-15 November 2008, Mexico City, Mexico
- IDF/FAO Symposium on Milk Quality, Tunisia (venue and dates to be determined)
- 5th IDF International Conference on Mastitis, 2010, New Zealand (venue and dates to be determined)



View all IDF Events at <http://www.fil-idf.org>

PUBLICATIONS

Bulletin of the month

Bulletin of the IDF No. 413/2007 - Health-enhancing Milk Components: Technological Advances and Health Benefits

This IDF publication provides insights into the latest and emerging scientific knowledge about the characteristics of major and minor bioactive component groups occurring naturally in milk, focusing on components with positive health attributes. Novel technologies for extraction of bioactive components from milk and product innovations based on these components are also presented.

Joint IDF/ISO standards

Standard ISO 22160 | 209:2007 - Milk and milk-based drinks - Determination of alkaline phosphatase activity - Enzymatic photo-activated system (EPAS) method

Pages: 16 - Price: 56,64 Euro
Available in English and French

Contact:

[Oscar Chavez](#), IDF Office Manager

The IDF Newsbrief brings you the latest developments in the Federation.
We want to hear from you. Send in your questions and comments.
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