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Message from the Director General

Events communication and management: new tools available



As the leading worldwide organization in the dairy sector, IDF organizes numerous events such as symposia, weeks, conferences and summits on all issues of interest to the industry. Over the years, IDF has offered to its members the possibility to develop websites for events promotion or advice to improve theirs.

The IDF head office is currently developing a new flexible approach offering a whole set of features, which can be customized, to manage events in a more relevant, value-added and impactful way.

This flexible module offers marketing possibilities as well as features such as direct e-mailings, online registration, online payment, abstract submissions and many other benefits.

The promotion and performance of IDF events will thus be enhanced by using such an optimized events management tool and will better support IDF members hosting an event. This new events module will enable members to reach out the dairy community more efficiently at a reasonable cost for tailoring the module to their specific needs. For mid-size events, the module is already operational but the broader range of options will be available in the coming months.

I encourage all IDF members and future hosts of IDF events to take advantage of this promising technology to enhance the performance and impact of our events.

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

IDF SUCCESS STORY

Fifth International Dairy Federation Mastitis Conference

Auckland New Zealand, 21-24 March 2010

More than 500 delegates from 33 countries assembled in Christchurch to hear 9 plenary talks, 98 presentations and view 98 posters (from 248 submissions) in three days of information exchange, technology transfer and promotion of mastitis research and control networks.

The meeting was opened by Barry O'Neil, the Chief Veterinary Officer of New Zealand, reminding all delegates that 'whatever we know about mastitis, it is not enough.' He welcomed the international delegates, appreciating the opportunity for them to give New Zealand access to new science and the world's best scientists.

Prof Walther Heeschen, the 2009 recipient of the IDF Award, provided the opening address. He enlightened and educated the audience with a succinct and clear history of the IDF role in the international debate, achievement of consensus and huge success in improving dairy cow cell count and milk quality. His exposition on why and how cells in milk came to be measured and then the basis of international standards for milk quality and payment was a revelation to all but the very oldest delegates.

The other eight keynote speakers all left important take home messages: Ynte Schukken - 'new technologies need a new breed of farmer'; Sarne de Vlieghe - we need to know how susceptibility to mastitis varies between the quarters of the same udder; Scott McDougall - vets need to create mastitis targets for farmer clients and evolve strategies to meet those targets; Henk Hogeveen - the next economic task is to determine the societal value of mastitis; Chris Kelly - huge gains are possible by centrally managing herds using Operator Technicians who are much better trained staff; Morten Dam Rasmussen - we are now able to save large amounts of staff time because we have created much better milking machine technologies; Lior Yaron - vertical supply chains are solving the supply problems in developing dairy nations; and Joe Hogan - we house cows simply to protect them.

The delegates left, clutching tightly their 750 page proceedings that captures full versions of all the papers presented. Those not attending will have to wait at last another five years to the next meeting but their survival may be helped by procuring the conference proceedings - 'Mastitis research into practice' Ed J E Hillerton, Vet Learn, Wellington, ISBN 978-0-473-16574-1.

Contact: [Eric Hillerton](#)

IDF PROGRAMME OF WORK

New Roadmap on future IDF work in the field of animal feeding

The new SPCC Working Group on Animal Feeding, led by Dr Jamie Jonker (US) and co-chaired by Dr. Ed Komorowski (GB), met for the first time via teleconference on 4 March 2010. It agreed to work as an active expert group providing advice to IDF on all issues relating to animal feed, with an identified work programme, and interacting with the FAO and other international organizations. The group intends to allocate tasks to existing IDF Standing Committees or a new IDF Task Force specific on a proposed subject, wherever possible.

The adopted roadmap outlines several action items, including ensuring monitoring of up-coming Codex work in regard to food safety aspects related to animal feeding. It will also ensure active IDF participation and input, identification and prioritization of proposed new IDF work items for submission to SPCC and subsequent voting by IDF National Committees. An ultimate goal is the development of an IDF scientific-technical monograph on animal feeding, taking into account the various requirements, including animal welfare, human nutrition, and sustainability.

The meeting unanimously agreed to consider not only the development of options for, and the implications of, changing animal diets targeted at reducing carbon footprint (predominantly related to methane emissions from enteric fermentation), and with regard to modifying nutrient composition in milk in the context of human health and nutrition, but also to place equal emphasis on outlining the possible consequences with regard to animal welfare, animal health, and productivity.

The meeting reconfirmed the importance of the established close partnership and membership involvement of FAO and the International Feed Industry Federation (IFIF), as well as the European Feed Manufacturer's Federation (FEFAC), with the IDF group and the liaisons with several IDF Standing Committees.

The group set as its target to report on the outcome of three identified actions in May 2010:

- Inventory of Analytical Methods to determine milk composition and changes due to changes in feeding
- Finalization of draft IDF New Work Item proposal with regard to world mapping of animal feeding systems
- Presentation of a first draft IDF New Work Item proposal on relating feeding systems to milk composition

The group agreed to take the lead in the development of a conference programme on animal feeding as part of the IDF World Dairy Summit in Italy in October 2011.

Contact: Chairman [Dr. Jamie Jonker](#) or [Joerg Seifert](#), IDF Technical Director

RELATIONS WITH INTERNATIONAL ORGANIZATIONS

Codex Committee on Methods of Analysis and Sampling (CCMAS), 8-12 March 2010, Budapest, Hungary

Endorsement of Methods of Analysis - Codex Committee on Milk and Milk Products

Most of the updates in the list of IDF/ISO methods of analysis and sampling forwarded by CCMMP were endorsed, and for several methods the Type (status) was changed to Type I thus making these methods the only acceptable methods for Codex purposes. Consequently, some AOAC methods recommended by CCMMP were not endorsed by CCMAS. With the CCMMP having been proposed for adjournment sine die, it was clarified that IDF/ISO will address changes to methods directly to CCMAS.

Guidance on Measurement Uncertainty and Uncertainty of Sampling

Although many delegations wished to see analytical uncertainty and the uncertainty of sampling being dealt with together, the CCMAS agreed to advance the explanatory notes to the guidelines on (analytical) measurement uncertainty to step 5, without referring to the uncertainty of sampling. Following significant objections by several government delegations and IDF to parts of the proposed text, CCMAS substantially revised section 8 and deleted section 9. Hence the concerns IDF had with the text have been addressed.

Uncertainty of sampling, as well as complementary situations for settling disputes and compliance assessment, will be dealt with in an integrated manner with a discussion paper to be prepared for the next session by a working group lead by Brazil, with assistance of New Zealand

The **IAM/MoniQA** workshop held prior to the CCMAS was an opportunity for Codex delegates to learn and exchange views about the endorsement procedures for methods of analysis within the Codex system, the estimation of method performance characteristics within the Codex context and the application of the “criteria approach”. A number of issues facing method developers, such as proprietary methods, were also considered.

The next session of CCMAS will be held in Hungary in late March 2011. The CCMAS session will be preceded as usual by the IAM meeting on the Friday, the Working Group on endorsement of Methods of Analysis on the Saturday and there will also be an IAM/MoniQA workshop held on the Sunday prior to the session.

Contact: [Jaap Evers](#) (NZ) or [Aurélie Dubois](#), IDF Standards Officer

Codex Committee on Food Additives (CCFA), 15-19 March 2010, Beijing, China

Recommendations on Food Additives from the Codex Committee on Milk & Milk Products (CCMMP)

CCFA endorsed a long list of food additive corrections in the Codex dairy standards forwarded from the CCMMP, as well as a level of 35 mg/kg for nitrates in Cheddar and Danbo. In addition, modification of the food additive functional classes in the Fermented Milk Standard to address Fermented Milk Drinks was also endorsed. However, the CCMMP recommendation of 500 mg/kg for lycopenes as a colour in fermented milks was not endorsed and changed to 30 mg/kg for adoption at the Codex Alimentarius Commission (CAC). This was consistent with reports by certain international colour associations regarding actual use levels.

Codex General Standard for Food Additives (GSFA)

The CCFA General Standard of Food Additives (GSFA) Working Group made recommendations to the CCFA plenary on a number of provisions for food additives, including colours, sweeteners, preservatives and others. Further discussion during the plenary resulted in advancement of some food additives in the Codex step process, adoption at step 5/8 for a few others, continued discussion for many and removal of a number as not used or not necessary across a wide range of food categories, including many dairy categories. IDF Observers provided technical comments in both the Working Group and plenary on many of these food additives.

Accelerating the work on GSFA

Recognizing the heavy workload on the GSFA, and the need for progress on the completion of the provisions, the CCFA agreed to re-establish a GSFA eWG to address some of the food additive provisions not discussed at the 2010 CCFA meeting, including alginates, steviol glycosides and sulfites. Since these food additives had already been the subject of requests for comments, the eWG will not request additional comments. In addition, the physical Working Group of the GSFA was re-established to address other uncompleted food additive provisions of the GSFA and will meet for two days prior to the 2011 CCFA meeting, if the Chinese government supports this extension. IDF will participate actively in both working groups and will issue a questionnaire to collect information on additives needed in dairy products, their levels of use, and technological justification, in the later part of 2010.

References to the “Carry-over Principle of Food Additives” in Various Codex documents

Attempts to consolidate the various Codex texts on the carry-over principle resulted in an electronic Working Group (eWG) that will prepare a discussion paper for 2011, based on the history of this issue and a comparison of the "carry-over" text in Section 4 of GSFA, the Codex Procedural Manual, references in any Codex commodity standards and the principles contained in the out-of-print Codex Volume 1. The eWG was also charged with addressing this principle for Codex infant formulas standards. IDF will participate in this eWG.

Proposed Draft Guidelines and principles for substances used as processing aids

The CCFA agreed to forward an amended version of the Draft Guidelines for Substances of Processing Aids for adoption at step 5/8 to the CAC. The most significant decision was the deletion of any reference to the Inventory of Processing Aids (IPA). An eWG will explore converting the existing IPA into a resource electronic database for use by CCFA and its members. The current version of the IPA will be updated until such time as an electronic database is available.

Discussion paper on identification of problems and recommendations related to inconsistent presentation of food additives provisions in GSFA and codex standards

CCFA delegates agreed that the current two food additive systems in Codex are a problem, but recognized the huge task to merge all food additives in the Codex commodity standards into the GSFA. In order to start this process in a small way, an eWG will identify all food additive inconsistencies for the five Codex meat standards. IDF will monitor this effort. The IDF Standing Committee on Food Additives will be asked to continue their efforts for all Codex dairy standards. IDF will propose that CCFA consider working on the Codex dairy standards after completing work on the meat standards.



IDF delegation at the Codex Committee on Food Additives . From left to right, Allan Saylor (US), Aurélie Dubois (IDF HO) and Meiyang Yu (CN).

Date and Place of Next Session

The tentative dates for the next CCFA meeting are 16-20 March 2011 in China.

Contact: [Allen Saylor](#) (US) or [Aurélie Dubois](#), IDF Standards Officer

Guidance for Assessing the Probiotics Beneficial Effects: How to fill the GAP

A supplement on 'Guidance for Assessing the Probiotics Beneficial Effects: How to fill the GAP' is now published in the *Journal of Nutrition*. The articles were discussed in a workshop organized by the European Branch of the International Life Sciences Institute (ILSI Europe) in association with IDF in May 2008.

Probiotic bacteria are live microorganisms that, when administered in adequate amounts, confer a health benefit on the host. There is a growing interest in probiotics within the scientific community, with consumers, and in the food industry. The different beneficial effects of specific probiotic strains may be translated into different health claims. However, there is a need for comprehensive and harmonized guidelines on the assessment of the characteristics and efficacy of probiotics and of foods containing them.

An international expert group of ILSI has evaluated the published evidence of the functionality of different probiotics in 4 areas of (human) application: 1) metabolism, 2) chronic intestinal inflammatory and functional disorders, 3) infections, and 4) allergy. Based on the existing evidence, concrete examples of demonstration of benefits and gaps are listed, and guidelines and recommendations are defined that should help design the next generation of probiotic studies. The former IDF Joint Action Team on Probiotics provided a technical contribution to this expert group.

In 2007, IDF and ILSI Europe agreed to collaborate in the area of probiotics via a formal IDF-ILSI Liaison Officer in the ILSI Europe Task Force on Probiotics. Since then an on-going working relationship between the two organizations and most efficient and effective operation in this subject area has been established.

Reference:

<http://jn.nutrition.org/cgi/search?qbe=nutrition;jn.109.113738&journalcode=nutrition&minscore=5000>
J. Nutr. 140: 671S–676S, 2010.

Contact: [Irene Lenoir Wijnkoop](#), IDF-ILSI Liaison Officer and [Sandra Tuijtelars](#), IDF Nutrition Officer

PROMOTION OF IDF

Thailand

On his way back after the CCMMP meetings in New Zealand last February, IDF Director organized a conference with the dairy sector of Thailand in fast development and very well located in view of future potential IDF regional or international events.

Contact: [Christian Robert](#), IDF Director General



IDF AWARDS

Great success for the IDF Dairy Innovation Awards

Entries have now closed with over 170 individual entries from a total of 29 countries.

Finalists will be announced and winners will be presented with their trophies at a special IDF Dairy Innovation Awards Gala dinner during the 4th Global Dairy Congress in Salzburg on 28 April 2010.

Themes and trends from the awards will be presented during the 2010 World Dairy Summit in Auckland, New Zealand in November.

A special IDF Dairy Innovation Awards Showcase magazine will be published featuring all entries to the awards. This magazine will be available to all delegates at the Global Dairy Congress and the World Dairy Summit as well as all readers of Dairy Innovation magazine.

Contact: [Christian Robert](#), IDF Director General

The IDF Elie Metchnikoff Prize 2010

Last Invitation to submit entries – Extension of deadline till 3 April 2010

Submit your entry online before it's too late at www.idfeliemetchnikoffprize2010.com

The IDF Elie Metchnikoff Prize 2010 award ceremony will take place at the occasion of the forthcoming IDF Symposia on Science and Technology of Fermented Milk and on Microstructure of Dairy Products in Tromsø, Norway, on 9 June 2010. Details on the IDF symposia can be obtained from the following Internet website: <http://www.idffer2010.no/>

For further details on the Prize and for online submissions, please visit www.idfeliemetchnikoffprize2010.com

IDF EVENTS

IDF/ISO Analytical Week 2010 - Approaching

17-21 May 2010, Montreal, Canada

For more information on the schedule of the week consisting of meetings of Project Groups, Standing Committees, and a half day symposium on the Wednesday 19 May 2010, visit www.idf-iso-analytical-week.org

If not done yet, register online and do not miss the early bird registration available until end of April 2010.

Contact: [Aurélie Dubois](#), IDF Standards Officer

IDF World Dairy Summit 2010

04-11 November 2010, Auckland, New Zealand

November 2010 is fast approaching! If not done yet, please register online at www.wds2010.com.

Programme outline

As of mid-March the programme details are in the final stages of being determined with the topics of each session of the conferences agreed. The calibre of the speakers ensures a knowledgeable, challenging and experienced standard with a global spread and an Australasian touch.

Underpinning the programme is a work stream organising the venue at SKYCITY to meet the demands of the various events and is nearing completion but will be flexible to handle changing demands.

A conscious effort is being made to fit WDS2010 itself within the theme of dairy industry sustainability, through minimal paper usage, the elimination of polystyrene cups and optimum use of quality goods. Recycling facilities will be available and exhibitors are advised of the need to be mindful of their environmental impact.

Technical tours have been organised that will cover the breadth of what New Zealand has to offer in dairy plants, research and service facilities. The options will range from small boutique cheese entities through to medium-sized complex operations to the largest milk powder plant in the world. A number of farms, research facilities, and a packaging process will also be options for consideration.

Social tours will provide enough flexibility for casual day trips through to longer adventures whether that is to the resort destinations of the Bay of Islands or Queenstown. Where possible these options will be scheduled around the Technical tours.

Exciting opportunities

The Organising Committee is endeavouring to hold a Summit to ensure delegates find WDS2010 as productive as possible. This includes ensuring hotels are within walking distance of the event, readily accessible internet connection and minimal use of non recyclable materials.

Support from sponsors has been fantastic with exhibition space subscribed and good interest in various other activities and options available. The line up of excellent speakers is reinforcing the association with the dairy industry and IDF WDS2010 in particular. We are seeing both large and not-so-large international companies along with smaller specialised firms wanting to share their stories and expertise.

Contact: [Andy Williams](#), Summit convenor

IDF Regional Conference on Domestic Milk Supply and Demand Systems : Lessons from Experience

26-29 April 2011, Seoul, South Korea

Expansion of IDF regional activities in Asia – new IDF event approved

A new IDF event titled "IDF Regional Conference on Domestic Milk Supply and Demand Systems : Lessons from Experience" has been approved to be organized by the IDF National Committee of the Republic of Korea with invited partnership of IDF National Committee of neighboring countries to take place in Seoul (KR) from 26 to 29 April 2011.

The location of the event takes into account the rapidly growing demand for milk and milk products in Asia as the major region of dairy growth worldwide. Local dairy industries are faced with a number of challenges including balancing supply and demand systems and introducing more effective generic marketing campaigns for milk and milk products / nutrimarketing strategies adapted to local cultures, traditions and the needs to highlight better the unique nutritional properties of milk and milk products. The proposed event will follow the previous success of the IDF activities in the field of dairy policies and economics and marketing for instance IDF Bulletin 376/2002 on "The implications of policy changes for the world dairy industry" and a number of successful conferences at past IDF World Dairy Summits.

The general objectives of the conference are to present and exchange knowledge and experience of IDF member countries with regard to milk supply and demand systems and generic marketing campaigns for milk and milk products, including nutrimarketing strategies in the context of developing milk production and consumption in Asia. The event could have a particular focus on reviewing and up-dating the latest economic and marketing trends and forecasts for Asia, with the possibility of engaging with other IDF international partner organizations such as FAO, OECD, and/or IFAP. Another key

objective is to foster global collaboration for dairy development within IDF, and in particular amongst the IDF member countries of Asia, which are facing similar challenges and opportunities, and also in view of promoting the up-coming IDF World Dairy Summit in Japan in 2012.

The conference program will be developed in collaboration with the IDF Standing Committees on Dairy Policies and Economics and Marketing which are both invited to play an active role in designing a top-class IDF event and to hold their regular business meetings in conjunction with the event. First ideas for the conference programme include:

- Study on the historical relationship between changing dairy policies and the growing dairy industry
- The history of milk supply and demand system
- Approach to an efficient supply and demand system and utilization of resources
- Approach to an appropriate marketing strategy for developing countries
- Recent development strategies in developed dairy industries

Contact: [Son Byung Gab](#), the Secretary of the IDF National Committee of Korea or [Joerg Seifert](#), IDF Technical Director

List of IDF upcoming events:

- **IDF/ISO Analytical Week 2010 - Approaching**
17-21 May 2010, Montreal, Canada
- **IDF Symposia on Fermented Milk and on the Microstructure of Dairy Products**
07-11 June 2010, Tromsø, Norway
- **IDF World Dairy Summit 2010**
04-11 November 2010, Auckland, New Zealand
- **IDF Regional Conference on Domestic Milk Supply and Demand Systems : Lessons from Experience**
26-29 April 2011, Seoul, South Korea
- **IDF International Symposium on Sheep and Goats Milk**
16-18 May 2011, Athens, Greece
- **IDF/ISO Analytical Week 2011**
22-27 May 2011, Lyon, France
- **IDF World Dairy Summit 2011**
20-26 October 2011, Florence, Italy
- **IDF International Symposium on Cheese Ripening and Technology**
20-24 May 2012, Madison, Wisconsin, USA
- **IDF/INRA International Symposium on Spray Dried Dairy Products**
19-22 June 2012, St. Malo, France
- **IDF World Dairy Summit 2012**
03-09 November 2012, Cape Town, South Africa
- **IDF World Dairy Summit 2013**
October 2013, Yokohama, Japan

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

IDF PUBLICATIONS

Joint IDF-ISO standards

IDF 202 | ISO 17678 (2010) - Milk and milk products - Determination of milk fat purity by gas chromatographic analysis of triglycerides (Reference method)

This standard specifies a reference method for the determination of milk fat purity using gas chromatographic analysis of triglycerides. Both vegetable fats and animal fats such as beef tallow and lard can be detected. By using defined triglyceride equations, the integrity of milk fat is determined.

Basically, the method applies to bulk milk, or products made thereof, irrespective of feeding, breed or lactation conditions. In particular, the method is applicable to fat extracted from milk products purporting to contain pure milk fat with unchanged composition, such as butter, cream, milk, and milk powder.

However, under the circumstances listed hereafter, a false positive result can be obtained. Hence, the method is not applicable to milk fat: a) obtained from bovine milk other than cow's milk; b) obtained from single cows; c) obtained from cows which received an exceptionally high feeding of pure vegetable oils such as rapeseed oil; d) obtained from colostrum; e) subjected to technological treatment such as removal of cholesterol or fractionation; f) obtained from skim milk or buttermilk; g) extracted by using the Gerber, Weibull–Berntrop or Schmid–Bondzynski–Ratzlaff methods, or that has been isolated using detergents (e.g. the Bureau of Dairy Industries method).

With the extraction methods specified in g), substantial quantities of partial glycerides or phospholipids can pass into the fat phase. Consequently, the scope of this standard excludes certain products and particularly cheese, whose ripening process can also affect the fat composition to such a degree that a false positive result is obtained.

Pages: 22 - Price: 70,21 Euro - Date: 2010

IDF 149 | ISO 27205 (2010) Fermented milk products - Bacterial starter cultures - Standard of identity

This standard specifies characteristics of industrial bacterial starter cultures, which are principally lactic acid bacteria (LAB), but which also include bifidobacteria and propionibacteria used for the manufacture of fermented milk products such as yoghurt, sour cream, cultured butter and cheese.

This standard does not apply to bacterial cultures which are added as an ingredient to foods only because of their probiotic properties.

This standard is only available in English

Pages: 11 - Price: 49,01 Euro - Date: 2010

IDF 220 | ISO 29981 (2010) Milk products - Enumeration of presumptive bifidobacteria - Colony count technique at 37 degrees C

This standard specifies a method for the selective enumeration of presumptive bifidobacteria in milk products by using a colony count technique at 37 °C under anaerobic conditions.

The method is applicable to milk products such as fermented and non-fermented milks, milk powders, infant formulae, and starter cultures where these microorganisms are present and viable, and in combination with other lactic acid bacteria.

Bifidobacteria used in milk products usually belong to the species: *Bifidobacterium adolescentis*; *B. animalis subsp. animalis*; *B. animalis subsp. lactis*; *B. bifidum*; *B. breve*; *B. infantis*; *B. longum*.

This standard is only available in English

Pages: 17 - Price: 60,93 Euro - Date: 2010

Contact: [Oscar Chavez](#), IDF Office Manager



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The International Dairy Federation is the pre-eminent source of scientific and technical expertise for all stakeholders in the dairy chain. Membership covers 56 countries and is growing; IDF accounts for about 85% of the world's total milk production. IDF aims to identify and disseminate best practice at the international level, in order to guide and harmonise members' work on issues including climate change, nutrition and food hygiene at the national level.

The scientific expertise for the dairy sector worldwide