

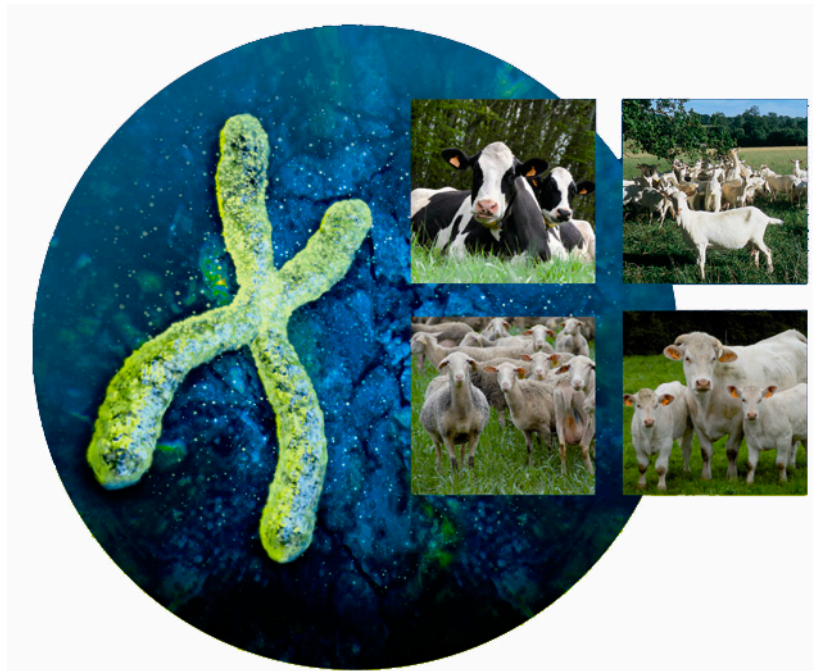


# General Assembly and annual workshop of ICAR 2011

## “New technologies and new challenges for breeding and herd management”

Bourg-en-Bresse, France

June 22<sup>nd</sup> to 24<sup>th</sup> 2011



Working groups and satellites  
are held in the **Mercure Hotel**,  
10 Avenue de Bad Kreuznach,  
01 000 Bourg-en-Bresse

## Satellites and working groups

### **Monday, June 20th** **Sub committee meetings and working groups**

8:00 - 12:00	Animal Identification WG	<i>K. Ilves</i>
13:30 - 17:30	Interbeef WG	<i>B. Whickam</i>
	Artificial insemination & relevant technologies WG <i>(at Ceyzeriat zootechnical center)</i>	<i>L. Journaux</i>
	Animal recording data WG	<i>E. Rehben</i>
	Animal Identification SC	<i>K. Ilves</i>

### **Tuesday, June 21st** **Sub committee meetings and working groups**

8 :30 – 12 :30	Artificial Insemination & Relevant Technologies WG <i>(at Ceyzeriat zootechnical center)</i>	<i>L. Journaux</i>
	Animal recording data WG	<i>E. Rehben</i>
	Analytical Workshop of MA SC	<i>O. Leray</i>
	Interbeef WG	<i>B. Whickam</i>
	EHRC European Championship WG	<i>J. Crettenand</i>
	ICAR board	<i>A. Rosati</i>
13 :30-18 :00	General Assembly of FIEA <i>(French federation of data centers)</i> <i>(at Ceyzeriat zootechnical center)</i>	<i>R. Rognant</i>
14:00 - 15:30	ICAR board	<i>A. Rosati</i>
	Parentage Recording WG	<i>S. Harding</i>
	Milk Recording in Goats Working Group WG	<i>Z. Barac</i>
	Analytical Workshop of MA SC	<i>O. Leray</i>

General assembly of ICAR  
and technical workshop are held in  
AinterExpo,  
25, avenue Maréchal-Juin  
01 000 Bourg-en-Bresse

# Workshop on New technologies and new challenges for breeding and herd management

## Wednesday, June 22nd General assembly & workshop

**8:30 - 10:30**      **General Assembly of ICAR**

**11:00 - 12:30**      **Welcome and presentation of the French Livestock**

**13:30 - 15:45**      **New technologies in performance recording:  
imaging, automation, PDA, RFID ...**

### Session 1

Introduction, *Kaivo Ilves (EE)*

Current situation-issues and challenges on data exchange in  
agriculture in the EU, (Agriexchange, 7th FP)

*Henri Holster (NL)*

The use of electronic identification for small ruminants in France,  
*Louise Marguin (FR)*

Cattle RFID opportunities and challenges,

*Pieter H. Hogewerf (NL)*

Recording claw disorders electronically,

*Johannes Frandsen (DK)*

Silent Herdsman: the heat detection system for the 21st century,

*Ivan Andonovic (GB)*

FCEL at the heart of the development of performance milk recording,

*David Saunier (FR)*

Lactocorder system in France,

*Tilman Hoefelmayer (CH)*

Conclusions, *Kaivo Ilves (EE)*

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## Wednesday, June 22nd General assembly & workshop

### 16:15 - 18:15 Phenotyping of complex traits :

#### Session 2

Introduction, *Marco Winters (GB)*

Global perspectives on trait ontology and phenotyping of livestock :  
examples from functional genomics and modeling in beef-producing  
animals,

*Jean-François Hocquette (FR)*

ATOL : a new ontology for livestock

*Catherine Hurtaud (FR)*

Registration of health traits – strategies of phenotyping, aspects of data  
quality and possible benefits,

*Christa Egger-Danner (AT)*

Phenotyping the reproduction function in cattle: inputs from functional  
genomics and epigenetics,

*Claire Ponsart (FR)*

Phenotyping that maximizes the value of genotyping,

*Mike Coffey (GB)*

Conclusions, *Marco Winters (GB)*

### 18:40 - 22:00 Evening at Ceyzeriat : local zootechnical center

*(AI center; milk recording, analyze laboratory, data center, beef  
commercial organisation ...)*

Ceyzeriat is 15 min  
from  
Bourg-en-Bresse

The technical workshop is held in  
AinterExpo,  
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## Thursday, June 23rd Workshop

**8:30 - 10:30**

### **New genomic tools for selection and management**

**Session 3**

Introduction, *Reinhard Reents (DE)*

State of the art of genomics for selection,  
*Didier Boichard (FR)*

Plans of the future activities of Interbull in genomics,  
*Joao Dürr (Interbull center)*

Potential applications of genomic information beyond breeding,  
*Marco Winters (GB)*

Research and development in nutrigenomics,  
*Mark Gaffney (IE)*

Conclusions, *Reinhard Reents (DE)*

**11:00 - 12:30**

### **Milk analysis : new technologies, developments, interest criteria for man, breeding and management**

**Session 4**

Introduction, *Olivier Leray (FR)*

Optimir,  
*Frederic Dehareng (BE)*

Harmonisation of milk analysers for fatty acid determination by FTMIR –  
An essential step prior to collective data use,  
*Olivier Leray (FR)*

Calibration monitoring and control approach for multi devices  
analytic system performing in rough environment,  
*Gil Katz (IL)*

Applied FT-IR is a highly potential technology for uncovering  
new valuable herd management and breeding information,  
*Steen Kold-Christensen (DK)*

Conclusions, *Olivier Leray (FR)*

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## Thursday, June 23rd Workshop

**13:30 - 14:55**

### **Certificate of Quality workshop**

Introduction, *Franck Armitage (ICAR secretary)*

The benefits of the Certificate and lessons learnt, *Folkert Onken (DE)*

The experiences of an auditor and applicant, *Pavel Bucek (CZ)*

The role of the auditor and lessons learnt, *Franz Schallerl (AT)*

The benefits of the Certificate to our organisation, *Martina Rafajova (SK)*

Feedback

**14:55 - 16:45**

**Session 5**

### **New approaches in management of recording activities how to demonstrate benefits of herd recording? how to make our business attractive?**

Introduction, *Jay Mattison (US)*

Farmers requests for new skilled services,  
*Jean-Pierre Lemonnier (FR)*

Herd performance benchmarks: graphic presentations of dairy farm  
performance relative to cohort herds,  
*Peter D. Giacomini (US)*

Software offer from French farmers' organizations to support livestock  
activities,  
*René Rognant (FR)*

Feedstuff NIR analysis in farm to growth herd recording activity,  
*Alberto Barbi (IT)*

Global Management of Milk Recording Service with FIDOCL  
*Jean-Marie Nicolas (FR)*

Conclusions, *Jay Mattison (US)*

**18:30 - 23:00**

### **Event at Epeysoles castle in Vonnas**

Vonnas is 45 min from  
Bourg-en-Bresse

Our delegates can choose one of the 4 technical tours

Technical tours

## Friday, June 24th Technical tours

8:00 - 17:30

### **T1—Milk production in middle mountains and cheese with quality mark; Poligny: the French reference lab for ICAR**

Mont rivel cheese factory (Vannoz)

Dairy breeding farm(Vannoz)

Poligny

Juraflore cheese cellars

### **T2—Milk production in plains with high productivity farming systems**

GAEC des Cours (Domsure) - Robotic milking

GAEC de la Seillette (St Paul de Varax) - Rotary milking parlour

GAEC MOREL (St Cyr-sur-Menthon) - Holstein breed

### **T3—Diversified beef production system in Charolais breed with high economical performance**

Slaughterhouse of the company BIGARD (Cuiseaux)

Daniel Blanc : Charolais breeding (Curciat Dongalon)

EARL du Bon Repos : Charolas breeding and PGI poultry (Viriat)

### **T4—Goat with cheese farming and wine production in the Macônais region. Electronic Identification for small ruminants**

Pré chevrier GAEC (Treffort Cuisiat)

Agricultural high school (Macon Davaye)

Goathouse « les Filletières » (Chenoves)

From 18:00

### **16th National Montbeliarde Show opening dinner**

Join the show  
to enjoy highlights  
of cow championship

More on  
<http://www.expodufutur.fr/>

