



# **SCIENTIFIC FORUM ON ANIMAL GENETIC RESOURCES**

Chair: Fritz Schneider, Switzerland

**Casino Kursaal, Interlaken  
3 September 2007  
10:30 – 18:00**



FAO International Technical Conference on  
Animal Genetic Resources for Food and Agriculture  
Interlaken, Switzerland • 3-7 September 2007



Schweizer Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra



## Goal of Scientific Forum

The Scientific Forum is an informal occasion at which key scientific challenges in the management of animal genetic resources are discussed in depth, before the formal proceedings of the Conference begin





## Structure of Scientific Forum

Four papers have been prepared by teams of leading experts to highlight recent scientific developments in each of the main themes dealt with in Part 4 of *The State of the World's Animal Genetic Resources*.

The Four papers will deal with:

- The dynamics of livestock production systems, the drivers of change,
- Inventory, characterization and monitoring,
- Sustainable use and genetic improvement,
- The conservation of animal genetic resources.





- Each of these papers will be presented by the lead author.
- This will be followed by a panel discussion, in which a representative range of stakeholders has been invited.
- Questions and comments from the participants in the meeting are then welcomed.
- The Scientific Forum will end with an open discussion on how the wider society can be involved in the implementation of the *Global Plan of Action*, at local, national and international levels.





- The Scientific Forum will be interpreted.
- As always, the time schedule is tight, I therefore request
  - the speakers, to respect the allotted time,
  - the panel speakers to be brief in their statements and responses.
  - the comments and questions from the floor to be precise and as short as possible





# **Dynamics of animal production systems and animal genetic resources: drivers of change and prospects for animal genetic resources**

***Carlos Sere***

*Akke van der Zijpp*

*Gabrielle Persley*

*Ed O. Rege*

*Uruguay*

*Netherlands*

*Australia*

*Kenya*





# Dynamics of animal production systems and animal genetic resources: drivers of change and prospects for animal genetic resources

## ***Panel***

*Ken Laughlin*

*EFFAB, Netherlands*

*Fernando Madalena*

*University Minas Gerais, Brazil*

*Ilse Koehler-Rollefson*

*LPP, Germany*





## Inventory, characterization and monitoring

*Michèle Tixier-Boichard*

*France*

*Workneh Ayalew*

*Ethiopia*

*Han Jianlin*

*China*





# Inventory, characterization and monitoring

## *Panel*

*Richard Clarke*

*Rare Breeds Survival Trust,  
United Kingdom*

*Milan Zjalic*

*ICAR, Italy*

*Jacob Wanyama*

*Vetaid, Mozambique*





## Sustainable use and genetic improvement

***Chanda Nimbkar***

*India*

*John Gibson*

*United Kingdom*

*Mwai Okeyo*

*Kenya*

*Paul Boettcher*

*USA*

*Johann Soelkner*

*Austria*





# Sustainable use and genetic improvement

## *Panel*

*Jan Philipsson*

*Interbull Centre, Sweden*

*Raoul Perezgrovas*

*Instituto de Estudios  
Indigenas, Mexico*

*Xuan Li*

*South Centre, Switzerland*





# Conservation of animal genetic resources: approaches and technologies for *in situ* and *ex situ* conservation

*John Woolliams*

*United Kingdom*

*Oswald Matika*

*Zimbabwe*

*James Pattison*

*United Kingdom*





# Conservation of animal genetic resources: approaches and technologies for *in situ* and *ex situ* conservation

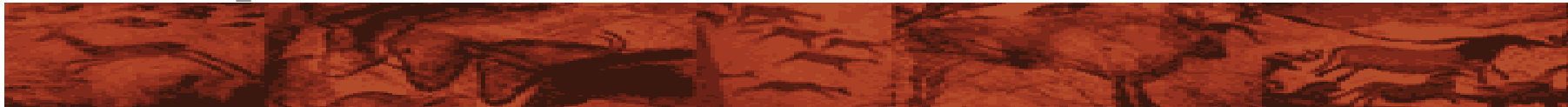
## *Panel*

*Arthur Mariante*      *EMBRAPA Genetic Resource and  
Biotechnology, Brazil*

*Nitya S. Ghotge*      *ANTHRA, India*

*Shakeel Bhatti*      *FAO, Italy*





## **Panel and Plenary discussion**

### **Animal science meets society**

**How can the wider society be involved in the implementation of the *Global Plan of Action*, at local, national and international levels ?**

**What is the role of research ?**

