



## EAAP NEWSLETTER

### March 2011. Issue no. 64

## 62<sup>ND</sup> ANNUAL MEETING OF EAAP (STAVANGER, NORWAY 29 AUGUST- 02 SEPTEMBER 2011)

'The importance of animal food production for food supply, food quality and environment' - the central theme of the 62nd EAAP annual meeting is expected to attract many animal scientists and professionals. Stavanger - the fourth largest city in the country, oil capital of Norway and a centre of an important agricultural area - offers to participants functional conference facilities and excellent accommodation. It is easy to reach Stavanger by air, rail, road or sea. The distance from the airport (Sola) to the city centre is 14 km. There are daily direct flights to Stavanger from Copenhagen, Amsterdam, London, Aberdeen, Frankfurt and access via local flights from Oslo.

The program of the meeting includes the plenary session, 48 sessions of study commissions and six special events.

The plenary session will deal with on co-evolution of research, production and marketing of animal products. Animal research has greatly contributed to an enormous increase in availability of animal products in recent decades. While still coping with the growing global demand for animal products, animal science also strives to find new technologies that respect environment and animal welfare and ensure sufficient quantity and quality of safe products for human consumption. These new demands have also an impact on costs of production, prices, distribution, sale and marketing of animal products .

The special events are:

- Animal Genetic Resources symposium (FAO, European Regional Focal Point): Environmental value of animal genetic resources.
- Interbull symposium: Genomic selection.
- Quality symposium: Gastronomic challenges for the livestock production.
- Aquaculture: Sustainable aquaculture for the future.

<b>62ND ANNUAL MEETING OF EAAP (STAVANGER, NORWAY 29 AUGUST- 02 SEPTEMBER 2011)</b> .....	<b>1</b>
Social Evening .....	2
Accompanying persons .....	2
<b>EAAP PUBLICATIONS</b> .....	<b>3</b>
Animal .....	3
EAAP Scientific Series .....	3
<b>A NEW MAGAZIN IN PREPARATION</b> .....	<b>3</b>
<b>EAAP WEB SITE</b> .....	<b>3</b>
<b>NEWS FROM THE EU PROJECTS</b> .....	<b>4</b>
GlobalDiv .....	4
EfabisNet .....	5
Animal Change .....	5
<b>NEWS FROM EAAP MEMBERS</b> .....	<b>6</b>
Croatia - Animal Science Days .....	6
France - Awards to Young Scientists .....	6
Spain - Catalog of the Spanish Hens Breeds .....	6
Italy - Workshop on European Wool Handling .....	6
Romania - 5 <sup>th</sup> International Conference BALNIMALCON 2011 .....	6
<b>FUTURE EAAP MEETINGS</b> .....	<b>6</b>
Preparations for the 63rd Annual Meeting in Bratislava, Slovakia, 27-31 August 2012 .....	6
<b>OTHER MEETINGS</b> .....	<b>7</b>
Australia .....	7
The European Aquaculture Society (EAS). Norway - Aqua Nor Forum 2011 .....	7
Greece - Aquaculture Europe 2011 .....	7

- Feed technology: Increasing nutritive values of raw materials and compound feed.
- Industry session: New and advanced technologies applied in the dairy herd.

The four technical tours for participants, accompanying persons and students include visits to Agricultural College, horse breeding, dairy and beef production, sheep production, fish farming and feed production.

### Social Evening

The boat trip start at the harbour of Stavanger and there will be one hour sightseeing tour on Høgsfjorden and Lysefjorden to Dirdal. The fjords of



Norway are declared to be the finest unspoiled travel destination in the world, and Lysefjorden may be the most impressive of them all. From Dirdal we have a 5-minutes bus trip to Byrkjedalstunet. The buildings that are Byrkjedalstunet used to be a dairy where they made cheese and are decorated after old and ancient mountains farms. Antiques, from local farms and the cheese-factory, are part of the restaurant and interior. A candle-dipping factory is located in the same area and made candles after an old recipe and old tradition. Here is a shop containing homemade candles and a great variety of souvenirs.

A meal will be served in Gloppehallen and this is a magnificent mountain hall. The hall is about 950m<sup>2</sup> and is one of the most spectacular places for events in the region. The meal will be based on traditional Norwegian dishes and folk music will be performed.



## Accompanying persons

Accompanying persons will have an opportunity to see, among other interesting items, a slice of scenic Norway and the Utstein kloster. The abbey, dedicated to Saint Laurence, was founded in its present location during the reign of King Magnus VI of Norway in 1160. For many years it served as private residence, but is now owned by an institution.

Participants will be taken on a guided tour on the property and among others see the church, the sacristy, the front yard, the dining hall, the kitchen and the living-rooms. Outside you can walk in the beautiful green garden with its 250 years old beech-threes.

Register now!

For more details please see [www.eaap.org](http://www.eaap.org) or [www.eaap2011.com](http://www.eaap2011.com)

## EAAP PUBLICATIONS

### Animal

In addition to papers dealing with breeding and genetics, nutrition, physiology and functional biology of systems, behaviour, welfare and health



and product quality, human health and well-being, the volume 4 Number 11 of the journal ANIMAL contains also three review papers presented at the EAAP-ASAS-ADAS symposium on growth and development. Since the publication of the first number in February 2007, the journal ANIMAL appeared in four volumes with 36 numbers and over 5 300 pages. ANIMAL, as the EAAP official journal publishes best research in animal biology and animal systems from across the spectrum of agricultural, biomedical and environmental sciences. ANIMAL has achieved an Impact Factor of 1.461 in only its 2nd year of being indexed by Thomson Reuters JCR®. The journal is now ranked 13/49 in the Agriculture, Dairy and Animal Science list and 34/141 in Veterinary Sciences list compared with 22/45 and 49/134 in 2008 respectively. Animal is now among best international journals dealing with animal science and research and the place to publish and read high quality animal science. The EAAP Council and the General Assembly held on the occasion of the 61st EAAP Annual Meeting expressed appreciation to editor-in-chief and section editors for their work and contribution to the success of the journal ANIMAL. For more information, go to the journal website [www.journals.cambridge.org/anm](http://www.journals.cambridge.org/anm) or to the EAAP web site [www.eaap.org](http://www.eaap.org)

### EAAP Scientific Series

- Proceedings of the 3rd EAAP international symposium on energy and protein metabolism and nutrition (Parma, Italy, 6-10 September 2010) organized by EAAP with the support of Università degli Studi di Milano, have been published in the EAAP publication No. 127 titled '**Energy and protein metabolism**' edited by G. Matteo Crovetto.
- The EAAP publication No. 128 '**The impact of nutrition on the health and welfare of horses**' edited by A.D.Ellis, A.C. Longland, M. Coenen and N. Miraglia contains proceedings of the 5th European Equine Nutrition Workshop held in Cirencester, UK, 19-20 September 2010 organized jointly with the British Society of Animal Science and the European Workshop on Equine Nutrition.
- **New trends for innovation in the Mediterranean animal production** was the theme of the Mediterranean symposium held in Corte, Corsica, France and organized by EAAP in cooperation with CIHEAM and INRA and CIRAD. Proceedings of the symposium have been published in the EAAP publication No. 129. The publication was

edited by R. Bouche, A. Derkimba and F. Casabianca.

- The first comprehensive description of the **Nordic Feed Evaluation System**, NorFor, developed during the last decade by the farmers' dairy cooperative in Denmark, Norway, Iceland and Sweden, has been presented in EAAP publication No. 130 edited by Harald Volden.

### A NEW MAGAZIN IN PREPARATION

EAAP with the American Society of Animal Science and the Canadian Society of Animal Science are in the process of creating, a magazine called Animal Frontiers to publish discussion and position papers and items of general interest to the benefit of animal scientists. This new magazine will be available through the website. The first issue of this journal is planned to be published in July 2011 and the second in October 2011.

### EAAP WEB SITE

Since its publication, the Heraklion Book of Abstract has been downloaded 5.700 times with a major number of downloadings in the first month (September: 2.700 times, due to its new realise).

The number of visits to Heraklion pages is around 5.200 times but the number of file downloadings is not linked with this great number of visits since files are still password-protected, discouraging users from further attempts.

The Barcelona Book of Abstract still continues to have a good number of downloadings, with an average of 400 visits/month throughout the whole 2011.

In 2010 the total visits of the site were 58.000 and in the first 3 months of 2011 around 22.000. The increase in the visit observed in the last months is due to the availability of more complete and available information. The major achievement in these last five months on the website is the publication of all the unprotected files, made available from the author at the annual meetings since the first year of this initiative (Bled 2004). Result of Anova analysis is reported in table 1. The analysis demonstrate that there is a significative increase of the visits after that the presentations were made available on the site (20 January 2011).



## NEWS FROM THE EU PROJECTS

### GlobalDiv

The GLOBALDIV project, co-funded under the AGRIGEN RES Community Programme established by Council Regulation (EC) No 870/2004 - action 067 last for 4 years from March 1, 2007 has been closed at the final meeting of project partners held on 9 February 2011 in Lausanne, Switzerland. Seven partners located in three EU countries and three outside EU countries have participated in this action, including EAAP. Thirty four associated experts from 11 countries are involved in this action. Among them are representatives of International Organizations (FAO, International Livestock Research Institute, and International Atomic Energy Agency). Contacts with the other animal GENRES projects and the FP7 NEXTGEN research project have also been developed.

The GLOBALDIV action concerned a global view of livestock biodiversity and conservation. The main objectives of the action were:

- To disseminate methodologies for the characterisation, evaluation prioritisation and conservation of livestock genetic resources.
- To disseminate experience of past EU biodiversity projects.
- To review methods and software for integration of specialist knowledge from disciplines as different

as husbandry, genetics, sociology, economics and geographic analysis.

- To obtain a global view of diversity.
- To promote the formation of interdisciplinary working groups of experts reviewing key aspects of conservation.
- To identify perspectives for future actions and research priorities.
- To train technical and scientific personnel involved at various level in farm animal genetic resources characterisation and conservation.
- To disseminate the results widely to all relevant stakeholders in the Livestock Farming Sector.

The outcomes of the project have been spread by:

1. A website ([www.globaldiv.eu](http://www.globaldiv.eu)), hosting 18 issues of a Newsletter downloaded more than 40,000 times.
2. Two workshops: one in Bydgoszcz (Poland) on March 2009 and one in Rome on May 2009 plus a final conference that was held in Lausanne on 8 and 9 February 2011.
3. Review papers, some of which have been collected in a special issue of Animal Genetics [www.blackwellpublishing.com/age](http://www.blackwellpublishing.com/age).
4. A number of communications, posters, lectures and seminars. Three summer schools have trained

Table 1. Analysis of variance for the numbers of daily visits of EAAP website.

Month	Number of visits
Jan 2010	4.760 <sup>a</sup>
Feb 2010	4.814 <sup>a</sup>
March 2010	5.046 <sup>a</sup>
April 2010	4.468 <sup>a</sup>
May 2010	4.125 <sup>a</sup>
June 2010	4.044 <sup>a</sup>
July 2010	3.924 <sup>b</sup>
August 2010	5.319 <sup>a</sup>
Sept 2010	6.705 <sup>c</sup>
Oct 2010	4.816 <sup>a</sup>
Nov 2010	5.527 <sup>a</sup>
Dec 2010	4.622 <sup>a</sup>
Jan 2011	7.806 <sup>d</sup>
Feb 2011	10.025 <sup>d</sup>
March 2011 (at 13th)	4.256 <sup>d</sup>
<b>Total visits 2010</b>	<b>58.170</b>
<b>Total visits 2011</b>	<b>22.100</b>

<sup>a-b</sup> Visits within column with no common superscript differ significantly ( $P < 0.05$ ).



more than 100 students from 32 countries in 5 continents.

GLOBALDIV gave the way to a new project called GENOMIC RESOURCES, funded by the European Science Foundation, coordinated by Stephane Joost of the Ecole Polytechnique Federale of Lausanne, Switzerland and participation of 10 Countries. It is ideally the continuation and advancement of GLOBALDIV and focuses on the options offered by next generation sequencing and genotyping technologies in the livestock sector.

Project partners agreed to maintain the network established through GLOBALDIV and continue cooperation through EAAP.

### EfabisNet

EFABIS net - An integrated network of decentralized country biodiversity and genebank databases

The continuation of EFABIS was EFABIS- Net - An integrated network of decentralized country biodiversity and genebank databases- A network of WEB based databases has been created in the EU project "EFABIS - a European Farm Animal Biodiversity Information System" for the recording and dissemination of biodiversity data of breeds in animal agriculture. It integrates the historical database from the European Association of Animal Sciences (EAAP) and the world wide DAD-IS system of FAO in Rome. Its outstanding features are an automatic synchronization of data records across the whole hierarchy at the global (FAO), regional (EAAP) and country level. Furthermore, a generalized strategy has been developed for translation of content and interface into any language in the world using UTF8 encoding for the presentation of any character set like Latin, Cyrillic, Chinese and Arabic. FABISnet is available as Open Source software. The project was terminated on 28 February 2011.

### Animal Change

ANIMAL CHANGE - AN Integration of Mitigation and Adaptation options for sustainable Livestock production under climate CHANGE

Project funded by the FP7 Programme of the European Commission within topic KBBE.2010.1.2-01: Sustainable production and management of biological resources from land, forest and aquatic environment - Call: FP7-KBBE-2010-4.

It will last for 60 months from 1st March 2011.

The kick-off meeting will be held on March 22nd, 23rd and 24th 2011 at the Opio Club Med resort located 30 km away from Nice in South of France.

25 partners from Europe, international organization (EAAP is responsible for Dissemination and Training) and non-EU countries are participating

ANIMALCHANGE will provide scientific guidance on the integration of adaptation and mitigation objectives and design sustainable development pathways for livestock production in Europe, in Northern and Sub-Saharan Africa and Latin America. ANIMALCHANGE will inform public policy development in EU27 and propose cooperation programs addressing smallholder livestock farming in selected developing countries. The core analytical spine of the project is a series of coupled biophysical and socio-economic models combined with experimentation. This allows exploring future scenarios for the livestock sector under baseline and atmospheric CO2 stabilization scenarios. ANIMALCHANGE will:

- Quantify and reduce uncertainties in GHG emissions and assess climate change impacts on livestock production systems (including grasslands) in study regions.
- Revise estimates of the net greenhouse gas balance of livestock farming systems, in particular by integrating soil carbon sequestration.
- Integrate climate variability and extremes into the assessment of impacts, adaptation and vulnerability to climate change of livestock systems.
- Develop a range of breakthrough technologies for adaptation and mitigation to climate change in the livestock sector, both for ruminant and monogastric species.
- Develop an understanding of trade-offs and synergies between adaptation and mitigation options.
- Assess climate change vulnerability both in terms of productivity losses and of greenhouse gas emission increases.
- Assess the costs and benefits of GHG mitigation and of climate change adaptation options for the livestock sector in Europe and in study regions of Africa and Latin America.
- Provide direct support to the design of mitigation and adaptation policy frameworks for the livestock sector.



## NEWS FROM EAAP MEMBERS

### Croatia - Animal Science Days

The 19th International Symposium ANIMAL SCIENCE DAYS - a traditional event organized by animal scientists from Croatia, Hungary, Italy and Slovenia - will be held 20th - 23rd of September 2011 in Primosten, Croatia ( <http://asd.agr.hr> ) The topic of the symposium is "Quadrilateral collaboration in animal science as a perspective for improvement of education and production".

The symposium will be preceded by a free 2-day workshop (in English) for the attendees of the symposium. "Practical course in survival analysis using the Survival Kit v6, Survival analysis- Theory and application" Lecturers are Gabor Meszaros and Johan Solker.

Register among the first 25 participants and participate on the Survival workshop for free!

### France - Awards to Young Scientists

The French Association for Zootechnics accorded and award for participation at the next EAAP Annual Meeting to Mr. Erwan Cutullic for his paper on a competition between lactation and reproduction in dairy cows.

### Spain - Catalog of the Spanish Hens Breeds

The INIA (National Institute for Agricultural Research) has recently published a Catalog of the Spanish Hens Breeds. The publication summarises the results of the conservation programmes established since 1975. The PDF file can be downloaded at: [www.inia.es/gcontrec/pub/CATALOGO\\_INIA\\_Gallinas\\_1290596384804.pdf](http://www.inia.es/gcontrec/pub/CATALOGO_INIA_Gallinas_1290596384804.pdf)

### Italy - Workshop on European Wool Handling

A workshop on the 'European Wool Handling' will take place in Biella on 6-8 April 2011.

The new EU regulation 1069/2009 concerning the animals by-products comes into effect on 1st March 2011. The greasy wool is classified as an animal by-product. The consequences of this new important regulation will be discussed by the participants: veterinary health authorities, sheep breeders

associations and cooperatives, sheep shearers, wool merchants, wool transport, import-export companies, wool processing enterprises, pedagogical farms, ...

For more details browse the site at: <http://pagesperso-orange.fr/atelier.laine>

### Romania - 5<sup>th</sup> International Conference BALNIMALCON 2011

The 5th International Conference BALNIMALCON will be held in Bucharest 19-20 October 2011. More information can be found at: [www.zootehnie.ro](http://www.zootehnie.ro).

Training course on animal welfare and derivation of sustainable breeding goals and on marker assisted selection in animal breeding course will be held on 9-13 May 2011, at the headquarters of the National Research&Development Institute of Biology and Animal Nutrition, Balotesti, Ilfov County, Romania. More information about the course on the site at: [www.ibna.ro](http://www.ibna.ro)

## FUTURE EAAP MEETINGS

### Preparations for the 63rd Annual Meeting in Bratislava, Slovakia, 27-31 August 2012

Kris Sejrsen, President, and Andrea Rosati, Secretary General, visited the venue of the 62nd EAAP Annual Meeting in Bratislava, Slovakia and had a meeting with representatives of the local organizing committee and of a professional conference organizer which will assist Slovakian hosts in technical matters related to the annual meeting.

Other future EAAP annual meetings:

- 2013 Nantes (France)
- 2014 Copenhagen (Denmark)
- 2015 Poland (location still to be decided)
- 2016 United Kingdom (location still to be decided)

## OTHER MEETINGS

### Australia

Conference on applied genomics for sustainable livestock breeding will be held 2-5 May 2011 in Melbourne, Australia. It will look at the major impact of genomics across dairy, beef, sheep, poultry and pig industries.

### The European Aquaculture Society (EAS). Norway - Aqua Nor Forum 2011

Workshop "Upscaling Aquaculture systems, Optimising system size for enhanced productivity with environmental equilibrium" will be held in Trondheim, Norway (August 17-18). The workshop is

organized by EAS in cooperation with the Nor-Fishing Foundation, SINTEF and CREATE. For more details see

[www.easonline.org/component/content/article/180](http://www.easonline.org/component/content/article/180)

### Greece - Aquaculture Europe 2011

The conference "Mediterranean Aquaculture 2020" organized by EAS in cooperation with the Federation of Greek Maricultures (FGM), and Hellenic Centre for Marine research (HCMR) will address vital questions affecting the development of Mediterranean aquaculture over the next decade. It will be held in Rhodes, Greece on October 18-21 2011. For more details browse the website at:

[www.was.org/EasOnline/Abstracts/Default.aspx](http://www.was.org/EasOnline/Abstracts/Default.aspx)



*The President of EAAP, Kristen Sejrsen (first on the left), with some of the members of the Local Organising Committee, in Bratislava (Slovakia), where EAAP Annual Meeting 2012 will be organised.*