

# Making Sense of Science

Knowledge management  
to support technological  
development and innovation

EAS Premium Sponsors



**Trondheim, Norway August 9-12, 2013** just before Aqua Nor 2013

Organised by the European  
Aquaculture Society in cooperation  
with the Nor Fishing Foundation



NTNU – Trondheim  
Norwegian University of  
Science and Technology

The AE2013 theme - Making Sense of Science - will focus on knowledge management to support technological development and innovation. Making sense of science implies setting priorities for knowledge generation; using the best people and infrastructure to create the knowledge and using the most suitable communication channels to ensure maximum impact of the results for all the different players in the value chain as well as for the end users.

The AE2013 Plenary sessions will provide delegates of concrete examples in various sectors and submission of abstracts for the parallel sessions should focus on how the knowledge generated will impact the sector. What are the practical implications and where can the results be applied?

### AE2013 Plenary Sessions

Plenary sessions take place each morning of AE2013 and our invited speakers will present these sessions, that 'open the debate' and pave the way for the parallel, technical sessions of contributed presentations in both oral and poster format.

- **What is driving innovation?** Theory & Practice - and including closed versus open innovation, the utilization of networks, organic organizations and the balance between exploration and exploitation, and paradigm shifts for breakthrough and acceptance.
- **Mapping genomes - what impact for the sector?** Status and future of mapping fish, algae, bacteria and other genomes. Modern molecular biology techniques for genetic mapping can create new breakthroughs in revealing breeding efficiency and adaptation of physiological responses. What impacts could this have for the cultivation of aquatic organisms?
- **Maximising impact of research** - How can we secure optimal transfer of new scientific knowledge into use in the sector? How do we set priorities - before, during and after programs, evaluations and in consortia? How do we communicate better to different users of new knowledge?

Information on the thematic speakers will be posted at [www.easonline.org](http://www.easonline.org)

AE2013 will take place at the Norwegian University of Science and Technology - within walking distance of the city centre and the location of the Aquaculture Europe 2009 conference.



**NTNU – Trondheim**  
Norwegian University of  
Science and Technology

## AE2013 Parallel Sessions (for submission of abstracts)

In addition to the thematic sessions, AE2013 also includes parallel and poster sessions. The following is a list of the sessions open for submission of abstracts and they are grouped under several specific areas, listed alphabetically. When considering submission of your abstract, please select the session most suited to your contribution. Submission of abstracts for the parallel sessions should focus on how the knowledge generated has/will impact the sector.

- Cage farming I - technologies
- Cage farming II - management
- Eel focus - aquaculture development and management of wild stocks
- Environment I - change
- Environment II - interactions
- Environment III - services
- Environment IV - assessment & monitoring
- Epi-genetics & genetic 'programming'
- Fish & shellfish Health I - prevention
- Fish & shellfish Health II - treatment
- Increasing product value I - pre-harvest improvement (productivity, better practice....)
- Increasing product value II - post-harvest product quality
- Increasing product value III - food safety & consumer health/well-being
- Juvenile production
- Knowledge I - communication & transfer
- Knowledge II - future innovation & 'blue-sky'
- Land-based farming I - technologies
- Land-based farming II - management
- Nutrition I - requirements
- Nutrition II - ingredients
- Nutrition III - live feeds
- Nutrition IV - health
- Reproduction and breeding I - Selection
- Reproduction and breeding II - Monosex & ploidy
- Seaweeds
- Shellfish farming technologies & management
- Sustainability in production: corporate social responsibility (CSR) and life cycle assessment (LCA)
- Zebrafish & other laboratory aquatic models

## Special sessions in AE2013

AE2013 will also include other sessions that are not open for submission of abstracts. These include:

- The **EU FORUM** - A special forum addressing research funded by the European Community and chaired by members of the European Commission.
- The **EAS STUDENT GROUP WORKSHOP** - A special forum for students attending AE2013 to enable networking and exchange of ideas. The forum will have a dedicated programme and include a special student reception. Students receive the full registration package plus the student reception. To qualify for the student rate, a copy of your student I.D. is required.
- The AE2013 **INDUSTRY FORUM** - Where latest scientific findings related to a particular issue for aquaculture producers will be presented and discussed.

Aquaculture Europe provides a platform for EU and other project consortia meetings and workshops. Please contact us if you'd like to benefit from this opportunity.



Aquaculture Europe 2013 encourages the submission of high quality oral and poster presentations. We strongly encourage authors to consider both presentation options, as poster sessions are an integral part of the programme. Papers submitted for “oral presentations only” may not be accepted as oral presentations due to the limited number of available time slots. **All abstracts must be in English - the official language of the conference.**

Each oral presenter will be entitled to no more than 15 minutes for a presentation, plus 5 minutes for questions. Authors of studies involving proprietary products or formulations should present this information in workshops or the trade show. Oral presentations should use Power Point. Overhead and slide projectors and video players will not be available.

All presenters are required to pay their own registration, accommodation and travel expenses. Aquaculture Europe can not subsidize registration fees, travel or hotel costs.

No Abstract Book will be printed - a compilation on CD or USB will be provided to registered delegates.

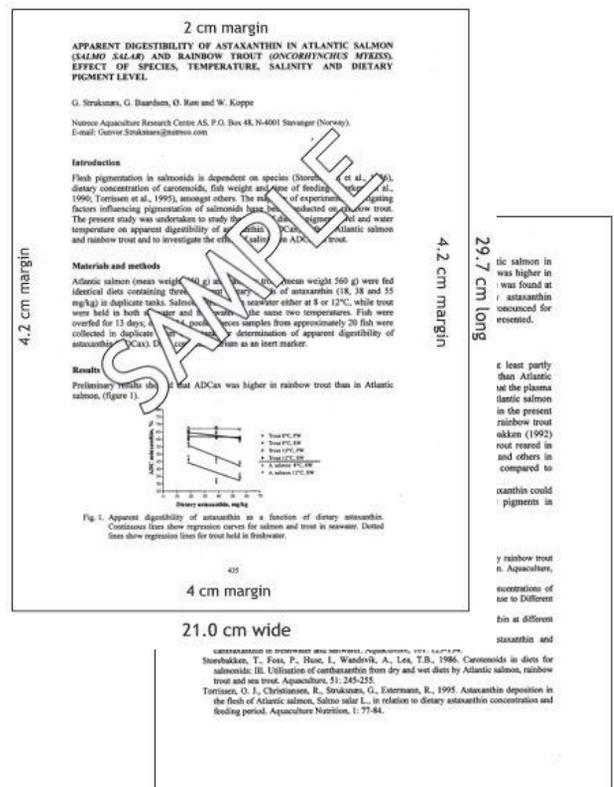
### Posters have a prominent place in Aquaculture Europe meetings:

- Presenters that send a PDF or power point version of their poster four weeks before the conference will have their poster reviewed within the appropriate oral session.
- Special poster viewing with authors present is provided during the happy hours.
- Besides this, posters will be easily accessible during the lunch breaks.
- In the programme book, special mention will be made in the oral session lists of where the relevant posters can be found.
- Prizes will be awarded during the wrap-up session for Best Poster and Best Student Poster.

## Instructions for preparation of 2-page abstracts

Abstract Format - Please refer to the sample.

1. Title of paper: type in bold in upper-case letters (= full capitals) and the scientific names in the title in italics; leave two lines between title and author(s).
2. Author(s): the first letters of both first and last names must be capitalised; leave one line between author(s) and affiliation. Use \* after the presenting author.
3. Address and Email: (in point 9) leave two lines between affiliation and text. Only the e-mail address of the contact person should be provided.
4. Headings of sections: type bold (not in full caps); space above should be two single lines for the first section header and one and a half lines above all the other section headers; space below section header should be half a line (or 6pt) only.
5. Text: typing must be single spaced; space between paragraphs can be half a line (or 6pt); paragraphs should begin flush with the left margin of the text, not indented.
6. Maximum length: two pages
7. Page size: standard A4 paper (210mmX297mm) (portrait)
8. Margins: left margin=4.2cm; right margin=4.2cm; margin top=2cm; margin bottom=4cm.
9. Font: Times New Roman 10 point
10. Photos, Figures and Tables: should be included if relevant. They should be reduced to the appropriate size to fit on the page and should be clearly readable.



Full guidelines can be found at [www.easonline.org](http://www.easonline.org)

**Please submit your abstract online: [www.easonline.org](http://www.easonline.org)**

If you are unable to submit online, please contact the Aquaculture Europe conference manager at [worldaqua@aol.com](mailto:worldaqua@aol.com) or fax +1 760 751 5003

## AQUA NOR - the biennial aquaculture meeting place

The Aqua Nor trade shows are held biennially in Trondheim and recent events have attracted around 20,000 visitors from close to 50 nations. 300 exhibitors representing more than 600 manufacturers and suppliers from all over the world present current developments in the fields of aquaculture technology, fish feed, fish health, quality assurance, research, training, funding, insurance, fish farmers network, grading, processing, packaging and distribution.

Exhibitors emphasize the unique opportunities that Aqua Nor provides for interaction with decision-makers and buyers representing both the national and international aquaculture industries.

Visitors find that Aqua Nor offers the best overview of products and services provided by the finest suppliers of the trade. They all highlight the excellent atmosphere and open interaction that colleagues from all over the world experience at Aqua Nor.



**FREE ENTRANCE to  
Aqua Nor 2013 for registered  
delegates of AE2013**



### Your Aquaculture Europe conference registration includes:

- Admission to all AE2013 sessions and to Aqua Nor
- Delegates Kit
- Abstract CD or USB - no abstract book will be published
- Refreshment breaks
- Admission to Welcome & Presidents' receptions
- Students receive the full registration package plus the student reception. To qualify for the student rate, a copy of your student I.D. is required

*Only pre-registered delegates are guaranteed delegates kit and abstracts.  
Spouse registration does not include these two items. Lunch is at your individual expense.*

**SAVE TIME – REGISTER ONLINE: [www.easonline.org](http://www.easonline.org)**

- Register online
- If this is not possible, return both sides of this form with payment to the address on the next page
- Registration can be faxed (fax: +1-760-751-5003) if paying by credit card (fax both sides)
- Use one form per person. Please copy this form for additional people
- Cancelled registrations will receive a refund minus 20% handling. Cancellations must be in writing and be received by July 1, 2013. Refunds will be issued after the conference.

PLEASE PRINT CLEARLY OR TYPE ALL REQUESTED INFORMATION

**BADGE INFORMATION:** (As you want your name badge to read - no title please)

First Name \_\_\_\_\_ Surname (Family Name) \_\_\_\_\_

Company or Institution \_\_\_\_\_  
(Limited to 40 letters & spaces)

City \_\_\_\_\_ State/Prov \_\_\_\_\_ Country \_\_\_\_\_

**MAILING INFORMATION:** Email \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State/Prov \_\_\_\_\_ Postal Code \_\_\_\_\_ Country \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ Title: (circle one) Dr. Mr. Ms. Mrs.  
*Include country code and city code*

Type of registration	Register by May 15 2013	Register by July 14 2013	After July 14 2013	* To qualify for Member Rate you must be an EAS or WAS member in good standing (please tick overleaf). ..... Aqua Nor trade show access is included in the full conference registration rate  <b>TOTAL REGISTRATION FEE</b> € _____
EAS Member Rate*	€ 395	€ 445	€ 495	
EAS Student Member Rate* (Include copy of Student ID)	€ 125	€ 170	€ 225	
Non-Member rate	€ 495	€ 545	€ 595	
Student non-member rate (Include copy of Student ID)	€ 175	€ 225	€ 275	
Spouse rate Name _____	€ 225	€ 275	€ 325	

Aqua Nor exhibition: free for registered delegates of the Aquaculture Europe 2013 conference.

Membership dues - enter amount from membership application on other side if applicable € \_\_\_\_\_

Do not post registration after July 15<sup>th</sup> 2013 or fax after August 1<sup>st</sup> 2013.  
After August 1<sup>st</sup> bring this form with you to register onsite.

**TOTAL AMOUNT € \_\_\_\_\_**

Registration confirmation and receipt will be emailed after processing.

**PAYMENT METHOD:** all fees must be paid to the order of Aquaculture Europe 2013 without charges for the beneficiary.

Visa  Mastercard  Access  Diners  American Express

Card # \_\_\_\_\_ Expiry Date \_\_\_\_\_ Name on Card \_\_\_\_\_

Card Billing Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_ Country \_\_\_\_\_

Date \_\_\_\_\_ Signature \_\_\_\_\_

For bank transfer details, contact: worldaqua@aol.com

*If you wish to pay by cheque, please contact Conference Director John Cooksey beforehand. A surcharge of €25 will be applied and this should be added to the final amount.*

Name \_\_\_\_\_

Membership: please check the box(es) for which you are a current member. Membership in any of these associations qualifies you for the Member Rate on the registration fees. You can join EAS before registering to qualify for the Member Rate.

European Aquaculture Society  World Aquaculture Society

**EAS MEMBERSHIP APPLICATION**  New Application  Renewal

## Join the EUROPEAN AQUACULTURE SOCIETY (EAS)!



**EAS MEMBERSHIP** includes automatic receipt of the Aquaculture Europe Magazine and EASinfo newsletter (quarterly), online networking, annual membership list, reductions on international aquaculture press and websites, as well as **BIG REDUCTIONS ON REGISTRATION** for EAS and WAS co-organised meetings, etc. The peer reviewed Journal Aquaculture International (bimonthly) can be obtained as a part of the specific individual membership. *EAS membership runs from January to December each year. New members joining at any time of the year receive all material for the calendar year*

### EAS Membership Categories

	Standard	Reduced Rate**
<input type="checkbox"/> EAS Individual* Membership	€ 80	€ 55
<input type="checkbox"/> EAS Individual Membership, incl. AI	€ 135	€ 110
<input type="checkbox"/> EAS Institutional* Membership	€ 300	€ 200
<input type="checkbox"/> EAS Life Membership ***	€ 720	-
<input type="checkbox"/> EAS E-member	€ 10	

(E-membership does NOT allow for member rate for AE2013 conference registration)

Total Amount for EAS Membership: € \_\_\_\_\_

Please enter this amount under 'Membership Dues' section on opposite side of form.

\* Peer-reviewed scientific Journal "Aquaculture International" (AI) not included

\*\* - Individuals if aged 30 or under (proof of age required). Also for individuals residing in European and non-European Mediterranean countries with Gross National income (GNI) lower than US\$ 10.000 per capita. These countries are: Albania, Algeria, Belarus, Bosnia and Herzegovina, Bulgaria, Egypt, Iran, Lebanon, Macedonia, Moldova, Montenegro, Morocco, Romania, Russia, Serbia, Syria, Tunisia, Turkey, Ukraine.  
- Institutes if based in one of the above mentioned countries.

\*\*\* Life membership offers the general EAS benefits (AI not included) for full lifetime duration.

more at [www.easonline.org](http://www.easonline.org)

## European Aquaculture Society (EAS)



The EAS is an international non-profit association dedicated to the promotion of contacts and the exchange of information amongst all involved or interested in aquaculture in Europe.

Established in 1976, the society's primary activities include publication of a quarterly magazine, publication of a series of special publications, publication of an international scientific journal and participation in the development of sustainable aquaculture in Europe through various EU projects and initiatives.

## The Nor-Fishing Foundation



Nor-Fishing

The Nor-Fishing Foundation was established in 1992 by the Norwegian Ministry of Fisheries and was conferred the exclusive right to organise the international fisheries trade show Nor-Fishing and Aqua Nor.

The exhibition centre is called Trondheim Spektrum and Trondheim Spektrum AS has been technical organiser for both Aqua Nor and Nor-Fishing since 1993.

## AE2013 Steering Committee

Chair: Elin Kjærsvik, NTNU

Members: Arne Fredheim (SINTEF & CREATE), Kjell Maroni (FHF) and Kjell Inge Reitan (local organisation - NTNU).

## AE2013 Programme Co-Chairs

Marie Hillestad (BIOMAR, Norway) and Fernando Afonso (Technical University of Lisbon, Portugal).

## Special hotel rates for you

We are organising a great selection of hotels in Trondheim with very good rates. As in past EAS events in the city, we have decided to work with Via Travel Tvette Arrangments AS.



Hotel information and booking is available at [www.easonline.org](http://www.easonline.org)

Remember to book your hotel early!  
It's busy in Trondheim in August!

## Tentative schedule

### Friday August 9<sup>th</sup> - Registration day

Registration open	noon - 19.00
Poster set-up	14.00 - 18.00
Welcome drink	19.00 - 20.30

### Saturday August 10<sup>h</sup>

Registration open	08.30 - 18.00
Opening/Plenary 1	09.00 - 10.30
Coffee Break	10.30 - 10.50
Parallel Sessions	10.50 - 12.30
Lunch (at individual expense)	12.30 - 14.30
Parallel Sessions	14.30 - 17.30
Poster Session/Happy Hour	17.30 - 19.00
Student Reception	19.00 - 21.00

### Sunday August 11<sup>th</sup>

Registration open	08.30 - 17.30
Plenary 2	09.00 - 09.45
Coffee Break	09.45 - 10.00
Parallel Sessions	10.00 - 12.30
Lunch (at individual expense)	12.30 - 14.30
Parallel Sessions	14.30 - 17.30
Poster Session Happy Hour	17.30 - 19.00
Presidents' Reception	19.30 - 22.00

### Monday August 12<sup>th</sup>

Registration open	08.30 - 15.30
Plenary 3	09.00 - 09.45
Coffee Break	09.45 - 10.00
Parallel Sessions	10.00 - 12.30
Lunch (at individual expense)	12.30 - 14.30
Parallel Sessions	14.30 - 16.30
Plenary Wrap-up/Poster Awards	16.30 - 17.30

Tuesday August 13<sup>th</sup> to Friday August 16<sup>th</sup>  
AQUA NOR exhibition and AE2013 Farmers' Day

## AE2013 further information:

Conference: [ae2013@aquaculture.cc](mailto:ae2013@aquaculture.cc)

Registration: [worldaqua@aol.com](mailto:worldaqua@aol.com)

Industry and media sponsorship opportunities:

[mario@marevent.com](mailto:mario@marevent.com)

## EAS PREMIUM SPONSORS



MSD  
Animal Health



SINTEF