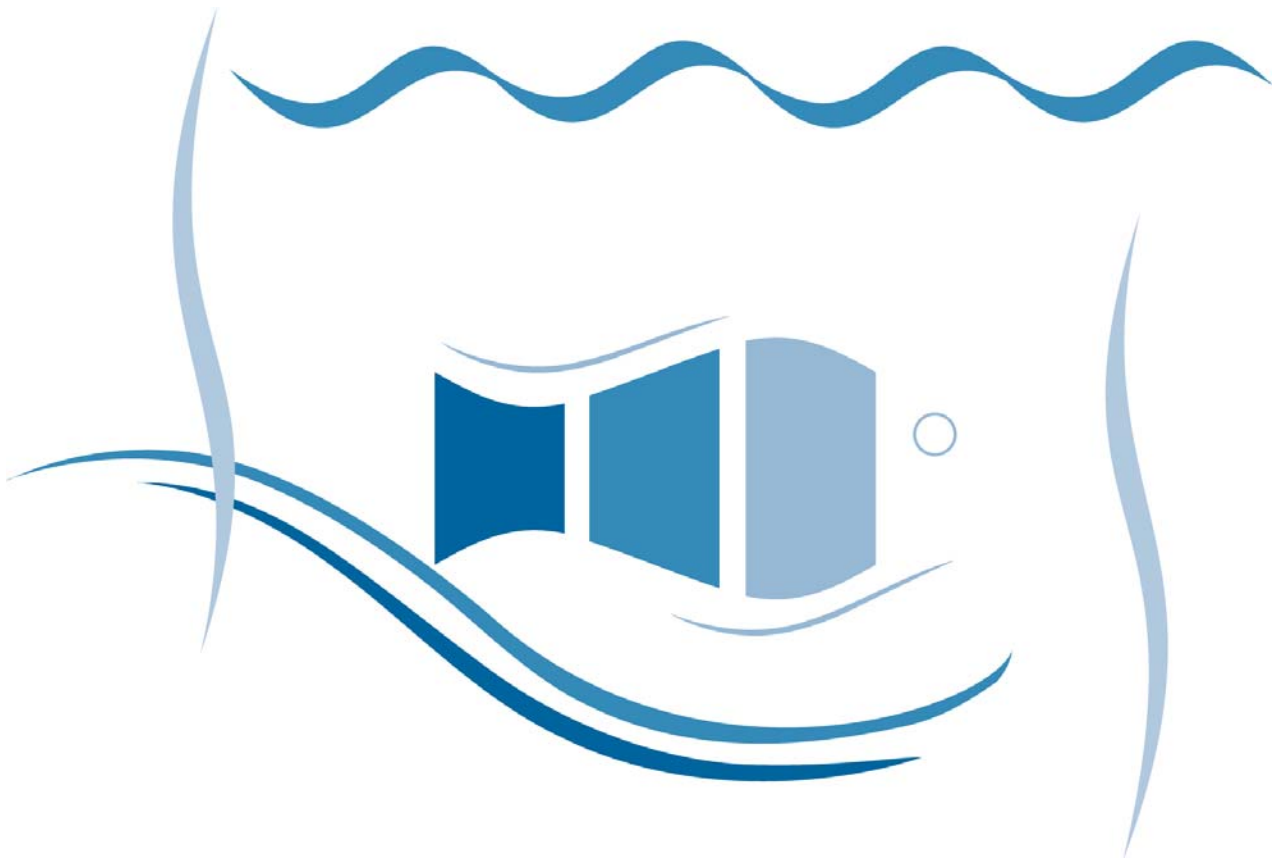


COST 867: International Workshop on Fish Welfare

8th– 10th February 2011
Madrid, Spain



 **cost**

COST 867: International Workshop on Fish Welfare

8th – 10th February 2011

Escuela Técnica de Ingenieros Agrónomos, Madrid, Spain

TUESDAY, FEBRUARY 8th (Cost 867 delegates only)

14:00 – 15:00	MC Meeting
15:00 – 16:00	Work group meetings (WG1, WG2 and WG3)
16:00 – 17:00	Joint meeting (WGs)
17:00 – 17:30	Special issue

WEDNESDAY, FEBRUARY 9th

Welcome Address and Keynote Lectures

Anders Kiessling, Norwegian University of Life Sciences, Norway

09:00 – 09:45	Dan Weary , University of British Columbia, Canada <i>A Canadian's perspective on the changing face of animal welfare: what's hot, what's not, and what to expect in the coming years</i>
09:45 – 10:30	Victoria Braithwaite , Penn State University, USA <i>Do fish feel pain?</i>
10:30 – 11:00	Coffee break

SESSION 1

Chair: **Børge Damsgard**, NOFIMA, Norway

11:00 – 11:30	Neill Herbert , University of Auckland, New Zealand <i>A role for exercise in the welfare of farmed fish?</i>
11:30 – 11:45	Hernán Canon-Jones , University of Cambridge, United Kingdom <i>Short talk: Social network analysis of behaviour and fin damage in Atlantic salmon.</i>
11:45 – 12:00	Catarina Martins , University of Algarve, Portugal <i>Short talk: Behavioural indicators of farmed fish welfare.</i>
12:00 – 12:30	Ryan Wilkinson , University of Tasmania, Australia <i>Aggressive behaviour and cannibalism in juvenile barramundi, implications.</i>
12:30 – 13:00	Round-table discussion
13:00 – 14:30	Lunch

Keynote Lecture

14:30 – 15:00 **John Purser, University of Tasmania, Australia**

Session 2

Chair: **Ana Roque, IRTA, Spain**

15:15 – 15:30 **Anders Kiessling, Norwegian University of Life Sciences, Norway**
Physiological stress response in rainbow trout to graded levels of CO₂ and temperature changes.

15:30 – 15:45 **Cedric Mathieu, University of Namur, Belgium**
Do gluco- or mineralocorticoids regulate immunity of Eurasian perch?

15:45 – 16:00 **Javier Sánchez, University of Murcia, Spain**
Environmental cycles and welfare of fish larvae.

16:00 – 16:30 **Coffee break**

16:30 – 16:45 **Leonor Galhardo, Instituto Superior de Psicologia Aplicada, Portugal**
Use of a push-door to measure motivation in cichlids.

16:45 – 17:00 **Hans van de Vis, University of Wageningen, Netherlands**
Slaughter of fish using ice, ECG data.

17:00 – 17:15 **Rui F Oliveira, Instituto Gulbenkian de Ciencia, Portugal**
Cognitive appraisal is needed to trigger a physiological response to a challenge: implications for fish welfare.

17:15 – 18:30 **Poster session**

THURSDAY, FEBRUARY 10th

Keynote Lectures

09:00 – 09:45 **Xavier Manteca, Universidad Autónoma de Barcelona, Spain**
Welfare assessment in fish: can we learn from the Welfare Quality experience?

09:45 – 10:30 **Bernice Bovenkerk, Ethics Institute, Utrecht, Netherlands**
The interplay between science and ethics

10:30 – 11:00 **Coffee break**

SESSION 3

Chair: **Neil Duncan**, IRTA, Spain

- 11:15 – 11:45** **Tomasz Pinkiewicz**, University of Tasmania, Australia
A computer vision system to analyse the swimming behaviour of sea-caged salmon
- 11:45 – 12:00** **Tore S. Kristiansen**, Institute of Marine Research, Norway
Short talk: SWIM- salmon welfare index model
- 12:00 – 12:15** **Pierluigi Carbonara**, COISPA Tecnologia & Recerca, Italy
Short talk: Multiparametric approach to assess welfare in sea bass organic aquaculture
- 12:15 – 12:45** **Rasmus Kaspersson**, University of Gothenburg, Sweden
Smoltpro: sustainable smolt production, an integrated approach.

13:00 – 14:30 **Lunch**

Keynote Lecture

- 14:30 – 15:15** **Peter Sandoe**, Danish Centre for Bioethics and Risk Assessment, University of Copenhagen, Denmark
The changing agenda of animal ethics, how do fish fit in?

Session 4

Chair: **Sunil Kadri**, AqualInnovation, United Kingdom

- 15:15 – 15:30** **Michael Appleby**, World Society for the Protection of Animals, UK
Fish welfare: a British and worldwide perspective
- 15:30 – 15:45** **Javier Ojeda**, APROMAR, Spain
Mediterranean farmed fish also have rights
- 15:45 – 16:15** **Bob Waller**, Freedom Food, United Kingdom
John Aviezhinius, RSPCA, United Kingdom
Freedom food and aquaculture: 10 years on
- 16:15 – 16:45** **Coffee break**
- 16:45 – 17:00** **Adriaan Kole**, University of Wageningen, Netherlands
Consumer perception and willingness to pay
- 17:00 – 17:30** **Anders Kiessling**, Norwegian University of Life Sciences, Norway
What's next?
- 17:30** **Closing**

Location

Salón de Actos

Escuela Técnica Superior de Ingenieros Agrónomos (Agricultural Engineering School)

Universidad Politécnica de Madrid, Ciudad Universitaria, 28040, Madrid

<http://www.etsia.upm.es/ETSIAgronomos/Escuela/Instalaciones/Localizacion>

Participation

More than 120 people have already signed up for the Workshop (early registration before December 10, 2011), including 80 cost delegates (MCs, WG and students).

All those not yet registered can do so by providing name and contact information to the local organizer (see below). Registration for non-cost delegates will be 80 euros to be paid on site (meals not included). To reserve meals, please visit <http://doodle.com/rdcui7rsff4r2wne>. Include your name and tick the meals you plan to attend (approximate price for each meal is 20.00 €). Lunch on Feb 9 and 10 will be at the Restaurante Bokado located in the Museo del Traje, next to the venue (100 m). Few other restaurants are within easy walking distance, except for student cafeterias, so we recommend you sign up for lunch.

Accommodation

The following hotels have an agreement with the ETSIA-UPM for this workshop.

See <http://www.nh-hoteles.es/>

NH Arguelles, NH Alberto Aguilera, NH Embajada, NH Zurbano

Local Organizer

M. Villarroel

Ciudad Universitaria s/n, Departamento de Producción Animal, ETSI Agrónomos, UPM, 28040

Madrid, morris.villarroel@upm.es

Sponsors

COST (www.cost.esf.org)

Escuela Técnica Superior de Ingenieros Agrónomos (ETSI Agrónomos)

Universidad Politécnica de Madrid (UPM)

Sociedad Española de Acuicultura (SEA)

Instituto Nacional de Investigaciones Agrarias (INIA)