

**Genetics & Genomics of Aquaculture Species Workshop**

STANDING COMMITTEES / WORKSHOPS

**Organised by a standing committee**      **yes**

**Date and meeting time: July 26<sup>th</sup> (08:30 – 12:00)**

**Chair, name and contact email: Bjørn Høyheim (Bjorn.Hoyheim@nmbu.no)**

**Agenda / programme attached**

**Number of participants at meeting: approx. 100**

**Summary of the meeting** including votes, decisions taken and plans for future conferences

Bjørn Høyheim welcomed the participants to the workshop.

The following scientific programme included 9 speakers that covered various aspects of technologies and aquatic species. This year there was also an invited speaker to the workshop sponsored by ISAG.

The speakers kept a high standard and gave interesting talks relating to a number of aquaculture species.

In the following business meeting the agenda included one item:

- 1) Election of a new committee responsible for organising the next workshop on genetics and genomics of aquaculture species in Dublin, Ireland in 2017.

Bjørn Høyheim (BH) opened the business meeting by asking for suggestions for new members for the standing committee for Genetics & Genomics of Aquaculture Species or if anyone would like to volunteer. It has earlier been difficult to attract new members to the committee and BH would like to have some new blood into the committee and he urged younger members of the society to volunteer. He also said that he would be willing to stay as a member of the committee for another period in order to help the new committee members with their task.

Geoff Waldbieser suggested Ross Houston as a new member of the standing committee and he accepted to stand as a candidate. Francesca Bertolini volunteered as a member.

As there was no other suggestions or volunteers BH asked if the three suggested members of the committee was approved by the audience or if there were any objections to them. No objections came from the audience so the committee were elected unanimously.

The committee decided after the workshop that Francesca Bertolini and Ross Houston should act as co-chairs and that Bjørn Høyheim will become a member of the committee.

Finally, BH thanked all the speakers and the audience for making this a successful workshop.

**Committee members** (the new committee)

Chair	term of service	E mail address:
Co-chair Francesca Bertolini	2016-2017	fbert@iastate.edu
Co-chair Ross Houston	2016-2017	ross.houston@roslin.ed.ac.uk
Other members	term of service	E mail address:
Bjørn Høyheim	2016-2017	Bjorn.Hoyheim@nmbu.no

**Agenda**  
**Genetics & Genomics of Aquaculture Species Workshop**  
**35<sup>th</sup> International Society for Animal Genetics Conference**  
**(Salt Lake City)**

**Tuesday July 26, 2016**

08:30 Bjørn Høyheim  
Welcome Remarks

08:30 James Kijas  
Diversity and Linkage Disequilibrium in Farmed Tasmanian Salmon

08:45 María Saura  
Exploiting genomic data of Spanish Atlantic salmon to identify genes involved in sex determination and to estimate effective population size

09:00 Lior David  
Genomics assisted introgression of viral resistance in commercial common carp strains

09:15 Geoff Waldbieser  
MicroGBS - High-throughput Microsatellite Genotyping Using Illumina Sequencing Platforms

09:30 Sylvie Lapègue  
Genomic patterns of differentiation in native and introduced populations of the cupped oysters *Crassostrea gigas* and *Crassostrea angulata* and in hybrid progenies

09:45 Ross Houston  
Development of a 55K SNP array for oysters (*C. gigas* and *O. edulis*)

10:00 Coffee Break

10:30 Ken Overturf (Invited talk)  
Understanding the biology behind selective improvement of rainbow trout for commercially important traits

11:00 Jason Abernathy  
Toward Resolving Long Noncoding RNAs in Fish: Identification, Mapping and Association to Disease Using Strand-Specific RNA-seq in Rainbow Trout Fed Alternative Diets

11:15 Francesca Bertolini  
Whole genome semiconductor based sequencing of farmed European sea bass (*Dicentrarchus labrax*) using a DNA pooling approach identifies putative selection signatures in Mediterranean genetic stocks

11:30 Business meeting (Bjørn Høyheim)

12:00 Closing