



# ISAG

## CONFERENCE 2014, Xi'an, China

<h3>Comparative and Functional Genomics</h3>
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STANDING COMMITTEES / WORKSHOPS      Information will be posted online

**Organised by a standing committee**      yes

**Date and meeting time: July 28, 2014; 14.00 – 17.00**

**Chair, name and contact email: Klaus Wimmers, [wimmers@fbn-dummerstorf.de](mailto:wimmers@fbn-dummerstorf.de)**

**Agenda / programme attached**

**Number of participants at meeting: about 150**

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

The chair welcomed the participants and gave a short introduction to the topic of the meeting by stating that the Comparative and Functional Genomics workshops deals with global approaches to identify and characterize structural and functional features of the genome as well as phenomena and mechanisms that impact on the emergence of trait variation. The current meeting covers presentations about (1) Genome-wide views on specific structures, features and functions, (2) Insights into the action of specific candidate genes derived from holistic studies (3) Metagenomics.

The chair informed about the new 'Guidelines for members and chairpersons of Standing Committees' of the ISAG. After a long and successful service for the Comparative and Functional Genomics standing committee, Dr. Andre Eggen and Prof. Abel Ponce de Leon informed the chair that they would like to resign from the committee. The standing committee "Comparative and Functional Genomics" expresses sincere thanks for the very skillful engagement of Dr. Eggen and Prof. Ponce de Leon in organising and chairing interesting workshops during the past ISAG conferences. New members of the standing committee were elected. The candidates Prof. Dr. Paolo Zambonelli, University of Bologna, Prof. Yanfang Wang, Chinese Academy of Agricultural Sciences, Beijing, and Dr. Guisheng Liu, Hubei Academy of Agricultural Sciences, Wuhan introduced themselves. Dr. Paolo Zambonelli and Prof. Dr. Yanfang Wang were unanimously elected by the ISAG members participating in the meeting (about 30% of the attendees). Dr. Guisheng Liu was elected with one dissenting vote. In fact, one ISAG member stated that the committee now has too many members that are focussing on pigs in their scientific work. The chair stated that this is not a big issue for the Comparative and Functional Genomics committee because it is not devoted to any specific species but aims to address general mechanisms of the phenotype-genotype map.

The scientific program covered 7 presentations (see agenda). The contributions were selected out of more than 250 abstracts (submitted to the topic areas Bioinformatics & statistical Genetics, Farm animal Epigenetics and Epigenomics, Functional Genomics, and Structural and

comparative Genomics) by the members of the standing committee based on the rank sum of the reviewers' scores.

The chair closed the session by thanking all presenters and participants for the excellent talks and active contributions to interesting discussions. The current rapid progress in genome sequencing and holistic functional genomics analyses promotes the necessity to improve the genome annotation, requires common efforts comparable to the human Encode project, and provides large opportunities for interesting contributions and fruitful discussions on the upcoming Comparative and Functional genomics workshops.

### **Committee members (the new committee)**

Chair	term of service	E mail address:
Klaus Wimmers (chair)	2008 – 2016	wimmers@fbn-dummerstorf.de
Other members	term of service	E mail address:
George Liu	2008 – 2016	George.Liu@ARS.USDA.GOV
Shuhong Zhao	2008 – 2016	zhaoshuhong@yahoo.com
Fiona McCarthy	2012 – 2016	fionamcc@email.arizona.edu
Paolo Zambonelli	2014 – 2017	paolo.zambonelli@unibo.it
Guisheng Liu	2014 – 2017	guisheng_liu1964@yahoo.com
Yangfang Wang	2014 – 2017	yanfangw@hotmail.com