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ICQG2012

4th International Conference on Quantitative Genetics: Understanding Variation in Complex Traits

17 – 22 June 2012

Edinburgh International Conference Centre, Scotland, UK

Key Dates

Friday 3 February 2012	Abstract Submission Deadline for Oral abstracts only
Friday 6 April 2012	Abstract Submission Deadline for Poster abstracts only
Friday 3 February 2012	Early bird registration deadline
Sunday 10 June 2012	Pre-conference registration closes



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Conference Themes

The Genetic Architecture of Complex Traits

Current understanding of the genetic control of complex trait variation - Genome-wide association studies and beyond.

Evolutionary Quantitative Genetics

Selective forces on quantitative traits and the maintenance of variation.

Variation in the Genome

Sequence, structural and epigenetic variation and its phenotypic consequences.

Advances from New Numerical Methods

Advances in our understanding of quantitative traits from new statistical, computational and modelling approaches and utilisation of computing power.

Opportunities from Technological Advances

Potential impact of the \$1000 genome and other new methods and approaches on our understanding of quantitative variation.

Bridging the Genotype-Phenotype Gap

Networks and pathways connecting DNA variants to trait variation - approaches and models.

Interactions among Individuals and with the Environment

Genetic interactions and covariation with the environment, in social groups and between species.

Genomic Information in Prediction

Prediction of disease risk and performance in humans, plants and animals and use in health care and plant and animal breeding.

Emerging Areas

New frontiers in research and late breaking results.



ICQG 2012

Local Organising Committee

Bill Hill (Chair)
Lutz Bünger
Chris Haley
Mike Kearsey
DJ de Koning
Loeske Kruuk
Josephine Pemberton
Alan Wright

Confirmed Invited Speakers

Eric Lander
(Genetics Society Mendel Medal Lecture)
Goncalo Abecasis
Piter Bijma
Ed Buckler
Mark Blows
Gustavo de los Campos
Örjan Carlborg
(Genetics Society Balfour Lecturer)
Richard Durbin
Jarrod Hadfield

Ben Hayes
Matt Hurles
Frank Johannes
Trudy Mackay
Mark McCarthy
Magnus Nordberg
Sergey Nuzhdin
Patrick Phillips
Chris-Carolin Schoen
Nik Schork
Pak Sham
John Storey
Peter Visscher
Alastair Wilson

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