

Chair : *Sheila Schmutz*, Dept of Animal and Poultry Science, College of Agriculture and Bioresources, University of Saskatchewan, Saskatoon, Canada.

## Around 200 people attended the workshop.

The program was as follows:

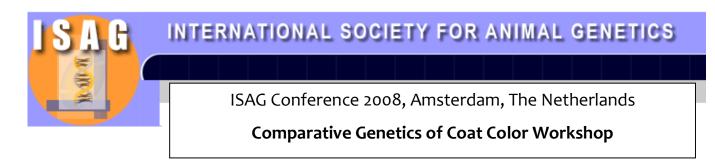
- **15:30 White patterns in Horse and Cattle** Tosso Leeb, Switzerland
- **15:50 White and Belt Phenotypes in Chinese Pigs (KIT)** Lusheng S Huang, China
- **16:10 The Beta-Defensin Gene in Dogs Black and Brindle** Greg Barsh, USA
- **16:30** The Mutation for Progressive Gray in Horses Leif Andersson, Sweden
- 16:50 Lavender plumage colour phenotype in Quail and Chicken : same MLPH gene but very different mutations. Bertrand Bed'Hom, France
- **17:10** Dilute Phenotypes in Cattle (SILV) Sheila Schmutz, Canada

## Posters Discussing Color or Genes in the Pigmentation Pathway

**2042** SNaPshot( $^{\text{TM}}$ ) assay successfully determines SNP for chestnut coat color in historic Thoroughbred horses, **M. Whitten** *et al.* 

**2057** Further characterization of equine KIT mutations in horses with dominant white or variable white coat color, **B. Haase** *et al.* 

**2190** Two novel single nucleotide polymorphism markers of MC1R gene in Thai Native White Lamphun cattle, **S. Mekchay** 



Genetic effects mapped in a Charolais X Holstein cross cattle population, **B. Gutiérrez-Gil** *et al.* 

Dominant White phenotype in Merino Sheep: Mitf, c-kit and Scf, **S.A. SIVA** *et al.* 

Associations of Melanocortin 1 Receptor with growth and carcass traits in beef cattle. **K. L. McLean & S. M. Schmutz** 

Genetic analysis of local Vietnamese chickens for conservation purposes, **C**. **Berthouly** *et al*.

**2115** Investigation of the KIT gene in Nero Siciliano pigs with different coat colour phenotypes, **E. D'Alessandro** *et al.* 

Copy number variation and missense mutations in the caprine agouti signaling protein (ASIP) gene are present in goat breeds with different coat colour, **S. Dall'Olio** *et al.* 

The lavender plumage colour phenotype in Quail is caused by a large deletion in MLPH gene region, **B. Bed'Hom** *et al.* 

Hypotrichosis in a Charolais x Holstein cross is not associated with allelic variants in the bovine SILV gene, **C. Kühn & R. Weikard** 

Development of DNA markers for discrimination between Japanese and Australian beef cattle, **Y. Suekawa** *et al.* 

5011 Patterns of genetic diversity near genes under selection in cattle, P. Wiener et al.

Single nucleotide polymorphisms of the KITLG and KIT genes in pigs, **N. Okumura** *et al.*