

*Canadian Centre for Swine Improvement and National Swine Improvement
Federation Joint Genetics Symposium*



Program



Wednesday, November 30, 2005

5:00 – 7:00 pm NSIF Board of Directors Meeting

Thursday, December 1, 2005

8:00 – 9:00 am **Registration (Coffee and Rolls)**

9:00 – 12:00 noon **International Symposium on Genetic Improvement**

Swine genetic improvement programs in Germany
Dr. Eildert Groeneveld, Federal Agricultural Research Centre (FAL), Germany

Swine genetic improvement program in Eastern Europe.
Dr. Milena Kovač, University of Ljubljana, Slovenia

Break (20 minutes)

Swine genetic improvement program in Scandinavian countries.
Dr. Lotta Rydhmer, Swedish University of Agricultural Sciences, Sweden

Swine genetic improvement program in China.
Dr. Fu Yan, Zhejiang, PIC China

12:00 – 1:00 pm **Lunch**

1:00 – 2:30 pm **Genetics of Reproduction**

Piglet survival - Implications of large litter sizes: Genetic focus on what is happening as litter sizes increase to levels that create challenges to survival.
Dr. Andy Robinson, University of Guelph

Selection for Welfare and Longevity -Lessons learned through the Gentel™ program.
Dr. Fields Gunsett, Newsham

Break (15 minutes)

2:45 – 4:15 pm Objective Assessment of Animal Welfare: Potential uses in Genetic Improvement Programs.
Dr. Stanley Curtis, University of Illinois

Use of Commercial Crossbred Data in Breeding Value Estimation
Martin Perez, PIC USA

4:15 – 6:00 pm National Animal Germplasm Group Meeting
& Free time for participants

6:00 – 7:30 pm **NSIF & CCSI Awards Banquet**

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Friday, December 2, 2005

8:30 – 10:00 am Traceability: Implications on Genetic Improvement and Consumers &
DNA-based tracking opportunities. Dr. John Webb, Maple Leaf Foods

Incorporation of meat quality and uniformity in selection programs.
Dr. Jan Merks, Director, Institute for Pig Genetics

Break (15 minutes)

10:15 – 11:45 am Findings of International Consumer Studies.
Dr. Tania Ngapo, Agriculture and Agri-Food Canada

Incorporation of new reproduction and meat quality traits into genetic evaluation
programs. Dr. Todd See, North Carolina State University

11:45 – 12:30 pm **Lunch**

12:30 – 1:15 pm Antibiotic Resistance: Implications on Genetic Improvement and Disease Resistance.
Dr. Dan Hurnik, University of Prince Edward Island

1:15 – 1:45 pm **NSIF Graduate Student Award Presentation**

Break (10 minutes)

1:55 – 2:45 pm **Genetic Preservation:** Dr. Terry Stewart, Purdue University, Moderator

An industry perspective on conserving swine genetic resources
DR. Tom Rathje, Danbred North America

Canadian Animal Genetic Resources Program: Status and Progress
Dr. Ken Richards, Agriculture and Agri-Food Canada

National Animal Germplasm Program, U.S. Animal Genetic
Resources Program Status and Progress
Dr. Harvey Blackburn, USDA/Colorado State University

3:00 - 3:30 pm **NSIF Board of Directors Meeting**