PROGRAM

First day (Thursday, November 23\textsuperscript{rd})

8:30-9:30. Reception and registration

9:30-10:00. Welcome and opening session

10:00-11:30. Session 1. Production systems, natural resources and sustainability. Potential role in rural development

Chairs: Luís Telo da Gama (PRT), Mercedes Izquierdo (ESP)

10:00-10:30. Keynote: S1OC01- M. Čandek-Potokar (SVN)
  Growth performance of local pig breeds – analytical review in the project TREASURE.

10:30-10:45. S1OC02- G. Zhenhua
  Min pigs show a higher tolerance to cold stress: an assessment in reproduction perspective.

10:45-11:00. S1OC03- S. García-Torres
  Characterization of meat quality in different Iberian pig lines finished in montanera system.

11:00-11:15. S1OC04- F. Thabethe
  Adaptation of finishing pigs to graded levels of Vachellia tortilis leaf meal diet.

11:15-11:30. S1OC05- F. I. Hernández-García
  Use of rice husk as welfare fiber during the premontanera feed-restriction period in Iberian pigs: effects on growth, behavior and body composition.

11:30-12:00. Coffee break

12:00-14:00. Session 2. Breeding and Genetics

Chairs: Attila Zsolnai (HUN) Marcos Ramos (PT)

12:00-12:30. Keynote: S2OC01- C. Óvilo (ESP)
  Diversity across major and candidate genes in European local pig breeds.

12:30-12:45. S2OC02- A. J. Amaral
  Genome-wide screen of intramuscular fat in Alentejano pigs: uncovering the genetic basis of lipogenesis.
12:45-13:00. **S2OC03- M. Bates**  
British experience of genetic management of traditional pig breeds.

13:00-13:15. **S2OC04- L. Di**  
Genetic mechanism of Min pig elite germplasm characteristics.

13:15-13:30. **S2OC05- Z. Shumin**  
Breeding of Songliao Black pig and its industrial development.

13:30-13:45. **S2OC06- V. A. Bâlteanu**  
Exploring the genetic background of fatty Mangalitza pigs from Hungary and Romania and relationships with wild boars populations using a SNP-based approach.

13:45-14:00. **S2OC07- N. Garrido**  
The effect of genotype and feeding system in the expression of lipogenic genes in Iberian pig.

**14:00h–15:00h. Lunch**

**15:00-17:15. Session 3. Physiology and Reproduction**  
Chairs: Francisco I. Hernández-García (ESP), Rui Charneca (PRT)

15:00-15:30. **Keynote: S3OC01- J. Rátky** (HUN)  
Management effect on reproductive and productive capacity of Mangalica pigs.

15:30-15:45. **S3OC02- M. Waehner**  
Analysis of special influencing factors on the estrous behaviour and fertilization in sows.

15:45-16:00. **S3OC03- A. Vernunft**  
Placental characteristics of Hungarian Mangalica and German Landrace sows and their relationships to fertility parameters.

16:00-16:15. **S3OC04- M.V. Sanz-Fernández**  
Effects of low birth weight on the immune function of Iberian piglets.

16:15-16:30. **S3OC05- N. Bovula**  
Inclusion levels of α-tocopherol supplementation on growth performance and testicular development of Windsnyer boars.

16:30-16:45. **S3OC06- M. Vázquez-Gómez**  
Effects of nutritional pregnancy management on carcass and meat features of offspring: Implications for the production of dry-cured products.

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16:45-17:00. **S3OC07 - T.R. Netshirovha**
The effect of selenium and zinc supplementation on growth performance of finisher Kolbroek boars.

17:00-17:15. **S3OC08- P. García-Casado**
New systems of seminal quality analysis.

**17:15-18:40. Poster session**
Chairs: Rui Charneca (PRT), Luís Telo da Gama (PRT),

**Session 1**

**S1P01- J. García-Gudiño**
Behaviour of the iberian pig during montanera.

**S1P02- K. Mphofu**
Evaluating the effects of different inclusion levels of spineless cactus on growth performance of growing Windsnyer pigs.

**S1P03- V. Margeta**
Productive traits of Crna Slavonska finishing pigs fed with acorn.

**S1P04- J.M. Martins**
The Ribatejano pig: a cross based on a fatty pig.

**Session 2**

**S2P01- A. Arakawa**
Genetic relationships among domestic pigs in East Asia and Europe.

**S2P02- R. Benítez**
Ham subcutaneous fat transcriptome in growing Iberian pigs fed oleic acid vs. carbohydrates supplemented diets.

**S2P03- C. Caraballo**
Genetic verification of F1 Duroc x Iberian crossbred boars.

**S2P04- Y. Núñez**
Placental expression of genes involved in antioxidant homeostasis and vascularization in Iberian pigs.

**S2P05- M. Taniguchi**
Comparison of gene expression regulation in pork carcasses differing in intramuscular fat content.

**S2P06- A. M. Ramos**
Development of genetic markers in the Alentejano pig breed: the SelectPorAl project.
**S2P07-M. Izquierdo**

The effect of Iberian genotype and feeding system on carcass composition of Iberian pigs.

**Session 3**

**S3P01- A. Ishida**

Effects of feeding brown rice on the performance of fattening pigs and lactating sows.

**S3P02- L.G. Makhanya**

Onset of puberty in *Kolbroek* gilts using hormonal assays.

**18:40. Social event**

**20:00. Touristic visit and wine in Badajoz**

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**Second day (Friday, November 24th)**

**9:00-11:00. Session 4. Meat quality and products**

Chairs: *Benedicte Lebret (FRA), Maria Font (ESP)*

9:00-9:30. **Keynote: S4OC01- C. Pugliese (ITA)**

The Quality of Meat and Cured Meat Products in European fatty pigs.

9:30-9:45. **S4OC02- M. Laranjo**

Effect of genotype and salt concentration on the quality of Portuguese traditional *paios*.

9:45-10:00. **S4OC03- M. Font-i-Furnols**

Effect of the immunocastration protocols on ham composition evaluated with computed tomography.

10:00-10:15. **S4OC04- E. González**

Low-protein diet for Duroc x Iberian crossbred pigs: influence on fatty acid composition of subcutaneous adipose tissue.

10:15-10:30. **S4OC05- A. López-García**

Olive cake-based growing diet for *montanera* Iberian pigs: effects on meat quality traits.

10:45-11:00. **S4OC07- R. Lizardo**

Development of a dynamic simulation model to evaluate the influence of feeding strategies on fatty acid composition of pigs.

**11:00-11:20. Coffee**
11:20-12:45. Poster session

S4P01- J. Almeida
Quality of meat produced by Iberian and Large White x Landrace pigs finished intensively or in the “dehesa” system.

S4P02- M.C. Bressan
Lipid profile of intramuscular fat in Iberian and F1 Large White x Landrace pigs finished intensively or in the “dehesa” system.

S4P03- L. Cachucho
Characterization of carcass composition and meat quality traits of Alentejano pigs finished under free-range conditions - Preliminary results.

S4P04- A. Chiara
Nitrate replacement with natural antioxidant in Cinta Senese semi-ripened salami.

S4P05- J. Dilme
Consumers acceptability of innovative products from Majorcan Black pig enriched with vegetal ingredients.

S4P06- J.L. Duarte
Breeding program for carcass and meat quality traits in a closed commercial population of Iberian sows using boars from the herdbook.

S4P07- A.L. Torrencusa
Effect of smoking on the physicochemical characteristics of dry-cured Iberian loin.

S4P08- F.I. Hernández-García
Effect of feeding management on the efficacy of long-term male immunocastration protocols specifically designed for Iberian pigs.

S4P09- J. García-Gudiño
Effect of the immunocastration protocols on consumers’ acceptability of fresh loin from Iberian pigs.

S4P10- G. Kušec
Differences in growth rates of muscle tissue and fat in ham, loins and shoulder between Crna Slavonska pigs from two rearing systems.

S4P11- M. Gispert
Effect of restriction feeding on sensory quality of pork loins.
S4P012- C.N. Ncobela
Response in carcass characteristics of Windsnyer pigs fed on inclusion levels of potato hash silage.

S4P13- D. Radojković
Carcass quality and fatty acids profile of the fatteners of Swallow-belly Mangalitsa breed reared in outdoor system.

S4P14- Č. Radović
Effect of castration method on growth rate of indigenous pig breed Mangalitsa Swallow Belly.

S4P15- R. Savić
Fatty acids content of m. Longissimus dorsi of Moravka pigs.

S4P16- A. M. Trejo
Optimization of a cryohistological technique to perform micro-morphometrical analyses of intramuscular fat marbling in the Iberian pig.

S4P17- J. González
Influence of feeding on performance and backfat FA composition of Iberian x Duroc pigs raised under heat stress conditions.

S4P18- M. J. Martín
Colour stability during prolonged storage in different packaging conditions of dry fermented sausage from Iberian pork.

S4P19- J. M. García-Casco
Low-protein diet for Iberian – Duroc crossbred pigs: effects on some meat quality traits (water holding capacity and collagen and myoglobin content).

S4P20- G. Amaro
Characterization of the nutritional quality of m. Serratus ventralis from Iberian pigs of Valdesequera line under different production systems.

S4P21- M. Cabeza de Vaca
Characterization of subcutaneous fat for different iberian pig lines reared in montanera system.
**12:45-14:00. Session 5. Technology of Reproduction**  
Chairs: Klaus-Peter Brüssow (DEU) and Lucky Nedambale (ZAF)

12:45-13:15. **Keynote I: S5OC01-N. Manabe (JPN)**  
Characteristic expression of BH3-interacting domain death agonist (BID) and Bcl2-associated X protein (BAX) in follicular granulosa cells of Mangalica ovaries.

13:15-13:45. **Keynote II: S5OC02-T. Somfai (JPN)**  
Current status of oocyte cryopreservation for gene banking in pigs.

13:45-14:00. **S5OC03-K.P. Brüssow**  
Application of reproductive methods in fatty pigs.

**14:00-15:00. Lunch**

**15:00-15:45. Session 5 (cont.). Technology of Reproduction**  
Chairs: Klaus-Peter Brüssow (DEU) and Lucky Nedambale (ZAF)

15:00-15:15. **S5OC04-T.L. Nedambale**  
Effect of protein in testicular morphology of Kolbroek boars.

15:15-15:30. **S5OC05-T. Páble**  
Reproductive characterization of a native pig breed (Moo Lat) in Laos.

15:30-15:45. **S5OC06-K. Kikuchi**  
Recent progress on cryopreservation and utilization of testicular tissues for pig reproduction.

**15:45-17:00. Session 6. Nutrition and new technologies**  
Chairs: Olga Moreira (PRT) and Jose M. Martins (PRT)

15:45-16:15. **Keynote: S6OC01-R. Nieto (ESP)**  
Nutritional and physiological characteristics of Iberian pigs as an example of fatty pig breed.

16:15-16:30. **S6OC02-B. Lebret**  
Molecular biomarkers as predictors of sensory and technological pork quality.

16:30-16:45. **S6OC03-A. Martín-Gómez**  
Headspace-gas chromatography-ion mobility spectrometry to avoid labelling fraud in Iberian ham samples.

16:45-17:00. **S6OC04-R. Hochegger**  
Food authenticity - species identification in an official food control laboratory.
17:00–17:20. Coffee

17:20-17:45. Poster session

Session 6

S6P01- A. Poto
Characteristics of the carcass and meat of the *Chato Murciano* pig fed with carob bean (*Ceratonia siliqua*).

S6P02- A. Poto
Comparative study of the carcass and meat quality of the chato murciano pig fed with commercial fodder versus 15% carob bean (*Ceratonia siliqua*).

S6P03- O. Moreira
*Malhado de Alcobaça* pig breed: metabolic characteristics, growth performance and carcass traits.

S6P04- W.L. García-Jiménez
Effect of the oral administration of probiotics and vitamin D supplements in Iberian pigs.

S6P05- G. Amaro-Blanco
Preservation of sliced Iberian dry-cured shoulder using high hydrostatic pressure and an active packaging of olive leaf extract.

17:45-18:45. Session 7. Impact of policy on premium pork production and future tasks in fatty-pig applied science: round table discussion
Chair: Antonio González-Bulnes (ESP)

17:30-17:45. Keynote: S7OC01- C. López-Bote (ESP)
Iberian pig niche market.

17:45:18:00. Keynote: S7OC02- P. Tóth (HUN)

18:00-18:15. Keynote: S7OC03- E. Diéguez (ESP)
Can science save fatty pig?.

18:15-18:30. Keynote: S7OC04-Xinting Xiao (INTERPORC)

18:30-18:45. Keynote: S7OC05- A. González-Bulnes (ESP)
Future tasks in fatty pig applied science.

18:30-18:45. Discussion

21:30. Social Event: gala dinner and *Monte Nevada* awards ceremony
Third day (Saturday, November 25th)

09:00. Full-day technical tour, including a visit to an Iberian farm and lunch

14:00. Return to the hotel