

58^{èmes} Journées de la Recherche Porcine

Program of French Swine Days



2026, February, 3 & 4
in Saint-Malo, France

ifip —
Institut du porc

INRAE



How to register?

I would like to register for the 58th Journées de la Recherche Porcine, on Tuesday, February 3 and Wednesday, February 4, 2026, and pay the fees (access to the 2 days, collection of papers, lunches, breaks, aperitif cocktail on Tuesday evening, 4/02): 460 € incl. VAT for registration before January 7, 2026 / 520 € incl. VAT for registration after January 7, 2026.

I have noted that by registering before January 7, 2026, I benefit from the preferential rate of 460 € incl. VAT (instead of 520 € incl. VAT).

I am a :

- Speaker or exhibitor or INRAE, student (work, lunches, breaks and cocktails):
Tuesday €65 /Wednesday €45 / 2 days €85
- Session chairman, Organizing and Support Committee, IFIP employee: free of charge

Link to the webform:

<https://ifip.asso.fr/inscription-jrp-2026/>



English translation of oral presentations.

For non-French-speaking participants, simultaneous translation into English of all oral presentations will be provided live by 3 specialized interpreters present throughout the 2 days, with headsets provided in the room.

Payment

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 - by credit card Visa - Eurocard/Mastercard
- Possibility of SECURE PAYMENT VIA OUR WEBSITE when registering online...*

Contact by mail : jrp@ifip.asso.fr

9:45 - Opening

Isabelle Litrico-Chiarelli, INRAE

10:00 - Animal welfare, husbandry and breeding

Chairman: Marie Barloy, DGAL

Oral interventions

1. Facial expressions and body posture to indicate the greater well-being of sows kept in individual pen, restrained at the previous parity
2. What is the impact of delaying the afternoon meal to the middle of the night on the performance of lactating sows exposed to moderate summer conditions?
3. Assessing effects of birth parameters (weight and temperature) and perinatal management practices (cross-fostering) on piglet survival in a welfare-oriented farming system
4. Redirection of pig social and exploratory behaviours in relation to environmental enrichment
5. Influence of socialisation of suckling piglets on performance, welfare, and labour time in farrowing and post-weaning phases
6. Effects of late weaning on behavioural and physiological responses to weaning in piglets
7. Influence of light on pig welfare
8. Developments and new trends in the construction of fattening pig buildings

Posters

9. Advisory practices on animal welfare and One Welfare. A focus on the pig sector
10. Clinical case: morphological abnormalities in boar semen associated with excess zinc in feed
11. Could chasteberry fruits, walnut tree leaves or lovage rhizome be used as an alternative to synthetic progestogens for oestrus synchronization in gilts?
12. Evaluation of infrared cameras for monitoring the peri-partum temperature in sows
13. Estimating sows' net body weight at farrowing by weighing them at the end of gestation
14. Effect of reducing zinc and copper in piglet feed on performance and excretion of trace minerals
15. Animal behaviour as an advisory tool in pig production: case study of temporarily crated sows
16. Design of a prototype tool to assess breeding pigs and suckling piglets
17. Determinants and impacts on survival and carcass characteristics of individual birth weight of piglets
18. Comparison of different local anaesthetics to reduce pain and bleeding during piglet castration
19. Towards a gradual end to tail docking: the experience of two experimental farms
20. Eat your veggies: supplying roughage to piglets during lactation
21. Effects of a magnesium phosphate on tail biting and growth performance in finishing pigs
22. Playing music in the slaughterhouse waiting area to reduce pig stress
23. Impacts of loading density on the risk of falls and injuries in pigs during transport
24. Thermal comfort, thermoregulatory stress factors and mitigating actions during the transport of pigs
25. Diversity in the dynamics of entire-tailed pigs of conventional farms
26. Finding the right balance with temporary crating pens: housing design, practices and farmer insights

12:30 - 13:45 - Buffet lunch

13:45 - 2:15 - Posters session

2:15 - Genetics and meat quality

Chairman: **Marjeta Candek Potokar**, KIS

Oral interventions

1. **Effect of considering kidney fat on the estimation of carcass leanness in pigs using X-ray tomography, and comparison with Image Meater classification**
2. **Dataporc: building a system for grading the technological meat quality in slaughterhouses**
3. **Pork quality and sustainability – An integrated “Farm-to-Fork” assessment approach: The ‘One Quality’ concept**
4. **Infrared thermography: an ally for assessing pig growth efficiency**
5. **Genetic determinism of resilience to environmental challenge using daily feed intake records in three lines of pigs**

Posters

6. **Gene expression of adipose tissue in the Krškopolje pig - comparing outdoor and indoor rearing**
7. **Characteristics of castrated and uncastrated pigs raised in organic farming**
8. **Pilot study to support the transition towards production of entire male pigs in organic pig production**
9. **Frequency of isolation and molecular characterization of *Clostridium perfringens* toxinotypes in pork carcasses and faeces at the slaughterhouse**
10. **Difference between two types of CT scans and manual dissection to measure tissue composition in pigs**
11. **Characterisation of the organoleptic properties of ‘Noir de Bigorre’ dry-cured ham according to climate conditions of the geographical area**
12. **Reducing environmental impacts of pig farming through genetic selection**
13. **Importance of digestive efficiency in improving genetic progress of feed-use efficiency in pigs fed a high-fibre diet**
14. **Genetic association between feeding behaviour and economic traits in a French pig line**
15. **Reducing noise in phenotyping helps to define index equilibrium**
16. **Cortisol-based genetic selection and production traits in pigs**
17. **Exploratory analysis of sow postures around farrowing in relation to maternal behaviour**

4:00 - 4:45 - Posters session and coffee break

4:45 - Animal feeding

Chairman: **Charlotte Gaillard**, INRAE

Oral interventions

1. ***In vitro* evaluation of the effects of a pea co-product on the digestive function of piglets**
2. **Study of feed and water intake patterns of piglets in the post-weaning period**
3. **Replacing inorganic trace minerals with chelated forms of the hydroxy analogue of methionine at lower doses: a performance mechanism for growing-finishing pigs**
4. **Modelling digestive fluxes of calcium, phosphorus, and zinc in growing pigs**
5. **Modelling the effect of heat stress according to parity on lactating sow nutritional requirements**

Posters

6. **Characterizing individual physical activity of sows during gestation using accelerometers**
7. **Supplementing sow diets with a bacterial xylanase at the end of gestation improves energy use of the feed**
8. **Effect of incorporating sugar beet pulp into peri-partum feed on sow performance**
9. **Improving amino acid and phosphorus supplies to group-housed sows: consequences after one gestation**
10. **Effects of adding micronutrients before and after parturition on the performance of hyperprolific sows**
11. **Influence of dietary supplementation with antioxidants and betaine on lactation performance of sows under moderately hot summer conditions**

12. **Effect of the live yeast *Saccharomyces cerevisiae* var. *boulardii* CNCM I-1079 on the colonic fermentative activity of gestating sows in an in vitro model.**
13. **A diet supplemented with mannan-rich fraction alters the diversity and composition of the gut microbiome in sows and piglets**
14. **Growth and zinc excretion in weaned piglets: effects of different sources and doses**
15. **Effect of adding a novel phytase on growth performance and bone mineralization in piglets and growing pigs**
16. **Effect of reducing zinc and copper in piglet feed on performance and excretion of trace minerals**
17. **Impacts of imported soya bean substitution on piglet performances and carbon footprint during**
18. **Incorporation of low-dose calcium humophosphate to replace monocalcium phosphate improves pre-starter piglet growth performance**
19. **A new sustainable grain protein concentrate can replace soy protein concentrate or hydrolysed wheat gluten in piglet weaner diets**
20. **Meta-analysis of the response of growing pigs to dietary zinc supply**
21. **Feeding pigs without soya bean meal nor mineral phosphate?**
22. **Bran and wheat middlings: do they have additive effects?**
23. **Response of entire male and female pigs to an increase in the digestible lysine: net energy ratio in fattening diets**
24. ***In vitro* kinetics of zinc solubilization from traditional and innovative sources: towards improved bioavailability**
25. **Enzymes involved in lipid metabolism as influenced by inclusion of former foods in pig diets**
26. **Assessment of vitamin D3 blood status in fattening pigs in 16 European countries: prevalence of deficiencies.**
27. **Effects of feeding strategies during heat waves on fattening pig performances**
28. **Comparison of phosphorus requirement estimates obtained using two prediction models in growing**
29. **Prediction of the apparent digestibility of phosphorus and calcium in complete diets by meta-analysis in growing pigs**
30. **Nutritional values of sunflower and rapeseed meals in pigs.**

6:30-8:30 - Cocktail reception

9:00 - Animal health

Chairman: **Olivier Bourry**, ANSES

Oral interventions

1. Relations between the frequency of ear necrosis syndrome and zootechnical parameters on pig farms
2. Clinical and lesion description of porcine ear necrosis: validation of a visual assessment scoring, histological study and exploration of pathogenic mechanisms
3. Collective treatment of piglets via drinking water: does tylosin provide sufficient exposure against respiratory pathogens?
4. Influence of intrinsic and environmental factors on the variability of health parameters in pigs reared in contrasting housing conditions
5. Determinants of success for PRRSV herd-stabilization programmes among European pig veterinarians
6. Postpartum dysgalactia syndrome in sows: herd characteristics and associated management practices

Posters

7. A participatory approach to identify and select relevant indicators for assessing pig health
8. Analysis of the zootechnical practices of 130 farms via the "piglet gut health" application
9. Analysis of the factors behind maintaining an African Swine Fever-free breeding farm in China in a high-risk context
10. Monitoring the genetic diversity of *Salmonella* spp. on three breeder-fattener farms over time
11. Technical, sanitary and economic performance of pig farms according to drinking water management and cleaning and disinfection protocols
12. The impact of periodic cleaning and disinfection of water pipes on water quality and biofilms on six pig farms in the United States
13. Evaluation of intravaginal and intramuscular sensors for monitoring the peripartum temperature of sows
14. Application of positive bacteria on a farm affected by diarrhoea in piglets in farrowing houses reduces the need for antibiotic treatments
15. Optimizing intestinal resilience in weaned piglets: effects of a microencapsulated blend of botanicals against *E. coli* F18+
16. Evaluation of colostral intake in piglets suckling by an H1_{av}N1 hemagglutination inhibition test
17. Effects of using standardized botanical compounds on decreasing *Ascaris suum* larvae in pigs
18. Quantification of secreted pro-inflammatory cytokines in an *in vitro* leaky gut model using an intestinal porcine cell line
19. Microphthalmia in pigs: congenital anomaly of genetic origin or oculo-auriculo-vertebral syndrome?

10:30 - 11:15 - Posters session and coffee break

11:15 - New methodological or disciplinary approaches in pig research

Chairman: **Michel Marcon**, IFIP

Oral interventions

1. Involving citizens in the co-construction of tomorrow's livestock farming
2. Assessing societal impacts of applied research on health and welfare in pig production: a case study in Brittany
3. Method for estimating the digestive capacity of pigs
4. Automated Detection of Osteochondrosis in Live Pigs Using the nnU-Netv2 Deep Learning Model

Posters

5. Automated Detection of Osteochondrosis in Live Pigs Using the nnU-Netv2 Deep Learning Model
6. Automated Detection of Osteochondrosis in Live Pigs Using the nnU-Netv2 Deep Learning Model
7. Automatic detection of farrowing through postural analysis of sows in confined farrowing crates
8. Monitoring pre-weaning growth by automated measurement of piglet weight
9. Relation between the body composition of pig carcasses determined by X-ray imaging and chemical analysis
10. Development of a "piglet gut health" visit and a digital tool to analyse and improve zootechnical management

12:15- 1:45 - Buffet lunch

1:45 - Economics and sociology

Chairman: **Vincent Chatelier**, INRAE

Oral interventions

1. **Outlook for the Spanish pig sector in a more challenging economic and regulatory context**
2. **Economic consequences of protectionist measures on the pork sector: an exploratory study of the case of China**
3. **Who will become the pig farmers of tomorrow outside of highly specialised production areas? The case of the Massif Central**
4. **Obstacles to and drivers of the transfer of livestock farms: a comparative analysis of the pig, poultry and cattle sectors in Brittany and Occitanie**
5. **Livestock farmers reconnecting with society: motivations, typologies, communication channels, and institutional support**
6. **Impact of implementing animal-welfare measures on pig farmers' well-being**

Posters

7. **How do farmers and employees perceive the lighting environments in pig farms?**
8. **Outdoor access at all stages of an animal's life: analysis of farmers' perceptions of a new pig farming concept**
9. **Diversity of workers in pig farming as a function of their interactions with animals**
10. **Analysis of post-installation monitoring in livestock farming: satisfactions, difficulties, prospects of newly established farmers**
11. **What is the outlook for pig production of learners in agricultural training in the French Massif Central?**
12. **Evolution of French High School Students' Perceptions of Livestock Farming between 2014 and 2025: Young Citizens and Livestock, between Attachment and a Quest for Ideals**
13. **Sociotype and CSR: mapping pork consumers in France**

3:15 - Environment

Chairman: **Jérôme Mousset**, ADEME

Oral interventions

1. **Prevention and protection measures to be implemented in pig farming to improve the respiratory health of farmers and workers**
2. **Assessment of impacts of a vacuum robot on NH₃, CH₄, N₂O and odours emitted in pig finishing units**
3. **Effects of the breeding system and feed-formulation method on technical and environmental performances of fattening pigs**
4. **Impacts of nitrogen and phosphorus supply in growing pigs: effects on body retention and slurry composition**

Posters

5. **Brakes and motivations for adopting field acidification of slurry and biogas digestate**
6. **Accuracy of slurry and liquid digestate spreading - Survey of livestock farmers and farmers with biogas plants**
7. **Crop rotation among Breton pig farmers in on-farm feed production: survey results**
8. **Study of energy consumption in 2023 on 56 Breton pig farms**
9. **Effects of pig genotype (crossbred Duroc vs. Pietrain) and feeding strategy (origin and nature of protein resources) on environmental impacts of pig production**
10. **Life cycle assessment of Swiss pig production with low-protein and mineral phosphate-free feeding strategies**
11. **Reducing protein content in feed to decrease environmental impacts of pig farming**
12. **Environmental evaluation of using local hybrid rye in pig feed in Quebec**

4h30 : Clôture

Paul Auffray, IFIP



Organization Commettee

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How to get to Journées de la Recherche Porcine

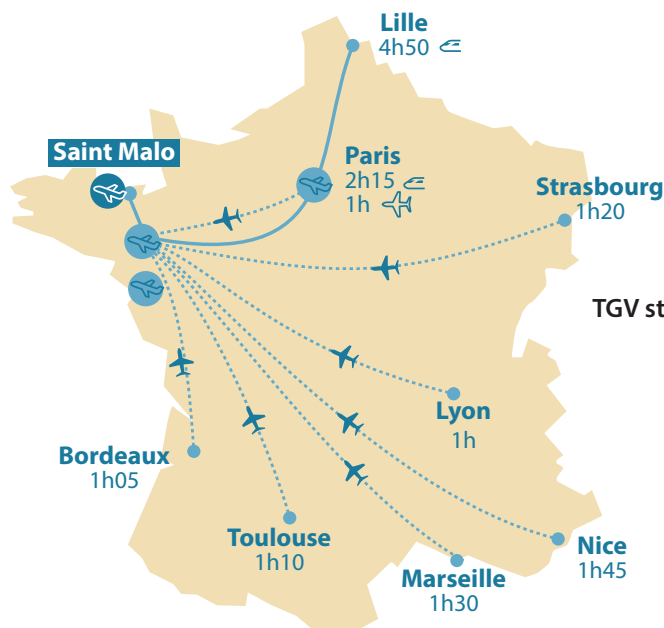


Palais du Grand Large

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By Train: 2h15 from Paris,
TGV station 5 minutes by bus or 20 min

Rennes airport: 50 min. away
(1 h from Paris)

By Car: 1 hour from Rennes,
2 hours from Nantes and
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