

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.

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- 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



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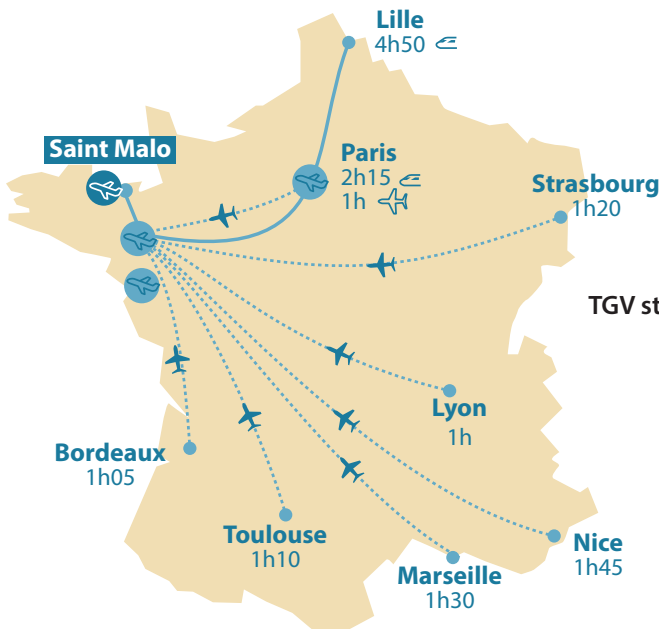
58^{èmes} Journées de la Recherche Porcine

How to get to Journées de la Recherche Porcine



Palais du Grand Large

Centre de Congrès
1 quai Dug y-Trouin, 35400 Saint Malo
tél 02 99 20 60 20



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 4 hours from Paris, 1,160 parking spaces around the Palais

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