

Etat Civil

- PEYRAUD Jean Louis
- Né en 1955

Situation à l'Académie

- Elu correspondant en 2015
- Section 3 Production animale

Situation Actuelle

- Chargé de Mission auprès du Directeur Scientifique Agriculture de l'INRA

Coordonnées

- **Professionnelles** : UMR PEGASE, INRA Domaine de la Prise, 35590 St Gilles et Direction Scientifique Agriculture, INRA 147 rue de l'Université, 75338 PARIS CEDEX 07
- **Adresse principale** : 21 Cours Raphaël Binet, F-35000 Rennes
- **Région de rattachement** : Bretagne
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Formations

- Ingénieur Agronome de l'ENSA de Rennes (aujourd'hui Agrocampus Ouest) spécialité Productions Animales
- Doctorat en Agronomie de l'ENSA de Rennes

Carrière (principaux postes occupés)

- 1987-1996 : Responsable d'une équipe de recherche de la Station de Recherches sur la Vache Laitière,
- 1998-2007 : Directeur de la SRVL puis de l'UMR Production du Lait,
- 2007-2011 : Directeur du GDR FA2D (adaptation des Filières Agro industrielles animales aux enjeux du Développement Durable),
- 2007-2015 : Directeur de l'UMT (Inra-Idele) « Recherche et Ingénierie en Elevage Laitier »,
- 2010-2014 : Coordinateur du projet Européen FP7-MultiSward (9 pays, 13 équipes) (<https://www.multisward.eu/>)
- Depuis 2010 : Président du GIS « Elevages demain » (<https://www.gis-elevages-demain.org/>)
- Depuis 2012 : Chargé de mission auprès du directeur Scientifique Agriculture de l'INRA,
- Depuis 2015 : Président de l'Animal Task Force (<http://www.animaltaskforce.eu/>)

Domaine d'expertise

- Nutrition animale, prairie, Elevage et Environnement, Analyse des systèmes de production, composition du lait,

Mots clés

- Elevage, azote, Gaz à effet de serre, environnement, analyse systémique, lait

Distinction et prix éventuels

- 2012 : Chevalier du Mérite Agricole
- 2014 : Distinction « Etoile de l'Europe » par le MESR pour le projet Européen FP7-MultiSward
- 2015 : Distinction « Success Story » pour le projet FP7-MultiSward

Quelques publications

- Peyraud J.L., Delaby L., 2001. Ideal concentrate feeds for grazing dairy cows – Response to concentrates in interaction with grazing management and grass quality. In P.G. Garnsworthy and J. Wiseman (Edts), 'Recent Advances in Animal Nutrition', University of Nottingham University Press., 203-220
- Couvreur S., Hurtaud C., Lopez C., Delaby L., Peyraud J.L., 2006. The linear relationship between the proportion of fresh grass in the cow diet and milk fat characteristics and butter properties. J. Dairy Sci. 89, 1956-1969
- Peyraud J.L., Le Gall A., Lüscher A., 2009. Potential food production from forage legume-based-systems in Europe: an overview. Irish Journal of Agricultural and Food Research 48: 115–135
- Sauvant D., Peyraud J.L., 2010. Calculs de rations et évaluation du risque d'acidose. INRA Prod. Anim., 23, 333-342
- Lechartier C., Peyraud J.L. 2011. The effects of starch and rapidly degradable dry matter from concentrate on ruminal digestion in dairy cows fed corn silage-based diets with fixed forage proportion. J. Dairy Sci., 94, 2440-2454.
- Peyraud J.L. 2012. The role of grassland in intensive production systems in north west Europe. Conditions for a more sustainable farming system. In Grassland productivity and ecosystem services. ED : G. Lemaire, H Hodgson and A Chabbi Edts, CAB International, 179-187
- Vigne M., Vayssières J., Lecomte Ph., Peyraud J.L., 2013. Pluri energy analysis of livestock systems. A comparison of dairy systems in different territories. J. Environmental Management. 126, 44-54
- Peyraud J.L., Cellier P., Aarts F., Béline F., Bockstaller C., Bourblanc M., Delaby L., Donnars C., Dourmad J.Y., Dupraz P., Durand P., Faverdin P., Fiorelli J.L., Gaigné C., Kuikman K., Langlais A., Le Goffe P., Lescoat P., Morvan T., Nicourt C., Parnaudeau V., Réchauchère O., Rochette P., Vertes V., Veyssset P., 2012. Nitrogen flows in livestock farming systems - Reduce losses, restore balances. Collective scientific assessment, summary of INRA report, France, 70 p.
- Guyomard H., Huyghe C., Peyraud J.L., Boiffin J., Coudurier B., Jeuland F., Urruty N., 2013. Vers des agricultures à hautes performances. Volume 3 : Evaluation des performances de pratiques innovantes en agriculture conventionnelle. Inra, Paris, 342 p.
- Peyraud J.L., Taboada M., Delaby L., 2014. Integrated crop and livestock systems in Western Europe and South America: A review. European Journal of agronomy. 57, 31-42

Short Bio

Jean-Louis Peyraud is Special Adviser to the scientific Director of Agriculture at INRA (National Institute for Agricultural Research) in Paris. After his doctorate at the University of Rennes (1983), he developed work on dairy cows nutrition, milk production at grazing and on the relationship between dairy farming and the environment. He gained international fame with his work on grazing and grassland management and presented several invited papers in international congress. In addition,

he has been involved in several European projects as WP leader (FP5-Grazemore, FP7-Rednex) and has coordinated the FP7-Multisward project whose goal is to improve the competitiveness and sustainability of ruminant production systems based on grassland. This project received the distinction "success story" at European level and the distinction "Star of Europe" by the French Ministry of Research in 2014.

At INRA, he established and was the head of the Joint Research Unit on Dairy Production between INRA and Agrocampus from 1999 to 2008. He recently coordinated a scientific national expert assessment (22 experts) on Nitrogen flow in livestock farming systems. Jean-Louis Peyraud is involved in the organization of research and development with extension services, whose goal is to develop and promote more sustainable dairy farming systems. He is the head of the joint technological unit "Research and Engineering in dairy farming" between INRA and French Livestock Institute which is working on the emergence of dairy systems reconciling productive and environmental performance. He is president of GIS "Livestock tomorrow" which brings together all actors (research, formation, extension services) involved in animal production in France. At European level he is co-chair of the public-private platform "Animal Task Force" which promotes sustainable and competitive animal production sector by fostering knowledge development and innovation in Europe