



6th International Symposium for Farming Systems Design

Marie-Helene Jeuffroy



Marie-Hélène Jeuffroy is senior scientist at the Institut National de la Recherche Agronomique (INRA), in the Research Unit Agronomie. Her research started in crop ecophysiology, and concerned the analysis and modeling of crop functioning, and on-farm agronomic diagnosis, and then design of technical innovations (method for the management of wheat N fertilization, variety ideotypes, scenario of spatial organization of cropping systems targeting the biological control of aerial diseases). She conducted numerous studies on grain legumes: crop modeling, on-farm innovation tracking (particularly multi-species intercrops), participatory design of legume-based cropping systems, and design of innovations for agroecological transition toward safe and sustainable agrifood systems. More recent works concern the relationship between the production and formalization of scientific and expert knowledge, and the innovative design of technical systems, within the IDEAS community. She was the head of the research unit *Agronomie* between 2007 and 2014, and she is currently assistant manager of the division *Environnement & Agronomie* at INRA.



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