



## 1. Line of research

Sustainable and efficient livestock production: new technology

## 2. ERC descriptor

LS9\_3 - Applied animal sciences (including animal breeding, veterinary sciences, animal husbandry, animal welfare, aquaculture, fisheries, insect gene drive)

## 3. Job description

The aim of the research activity will be to investigate innovative management and control methods and systems in livestock farms in order to improve their environmental sustainability and production efficiency. In particular, the study will focus on dairy systems with the aim of developing forecasting models that can provide useful indications for supporting farm management decisions, through processing of data from different monitoring systems.

## 4. We offer

- ✓ The winner which will choose this line of research will work in the research group of Animal Husbandry SDD AGR19
- ✓ Evaluation of environmental impact of animal production through Life Cycle Assessment approach
- ✓ Utilization of instruments and sensors to acquire data from dairy farms

- ✓ Developing forecasting models for supporting farm management decisions

## 5. Desired skills

Applicants must have specialization on software SIMAPRO and SAS. Preference will be given to candidates with demonstrated skills and experience in animal husbandry with particular reference to dairy farms and statistical analysis of data.

## 6. Contacts

Additional information on this line of research please takes contact with [luciana.bava@unimi.it](mailto:luciana.bava@unimi.it)  
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