**Agroscope Job Advertisement**

**Title**
PhD project in Smart Dairy Farming

**In Brief**
The health and welfare of dairy cows play an important role in modern animal husbandry. Sensor-based indicators for the health and welfare of cows in conventional and automatic milking systems are to be recorded and correlated with milk yield and milkability. If your heart beats for science and you enjoy improving and refining milking methods with the help of sensor technology and new approaches, we look forward to your application.

**Tasks**
- Project planning: Together with you, we will develop a concept for the PhD project. Creative involvement in the project and the bringing of your own ideas to the table are explicitly encouraged.
- Planning and implementation of scientific studies in the field of milking technology and smart milk-production systems
- Data analysis; application of modern evaluation methodology in collaboration with statisticians
- Based on the above, you will be writing three scientific articles for peer-reviewed journals, as well as the framework for your cumulative dissertation.
- Participation in national and international conferences and events is possible and encouraged.

**Requirements**
- We are looking for a graduate in Agricultural Engineering, Livestock Sciences, Veterinary Medicine or Behavioural Biology
- Essential knowledge of dairy farming
- Enjoyment of technical innovations and new technologies
- Experienced in dealing with standard PC programs and statistical software
- Independent, achievement-oriented, meticulous approach to work and good communication skills are prerequisites
- Knowledge of one official Swiss language and a good knowledge of spoken and written English; workplace language is German

**Information on the Employer**
Agroscope is an innovative research institute for agricultural and nutritional sciences run according to the principles of New Public Management. Part of the Swiss Federal Administration, Agroscope is attached to the Federal Department of Economic Affairs, Education and Research EAER. Agroscope is headquartered in Bern-Liebefeld and carries out its activities at a number of sites in Switzerland.

The ‘Automation and Labour Organization’ Research Group at the Tänikon site near Aadorf deals with Smart Farming and Ergonomics in agriculture.

We offer a varied job in an interesting work environment, as well as thorough training. You will enjoy flexible working hours, a staff restaurant and good social benefits.

**Place of Work**
8356 Ettenhausen, Canton of Thurgau (TG), Switzerland

**Salary Category**
According to the principles of the Swiss National Science Foundation

**Employment Level**
100% (full-time)

**Contact**
If you are interested in this challenge and meet the requirements profile, we look forward to receiving your online application, including the addresses of 1-2 referees, at human.resources@agroscope.admin.ch; Ref. No. 36652.

Deadline for application: 20th January 2019

For further information, please do not hesitate to contact Dr. Christina Umstätter, Head of Research Group, christina.umstaetter@agroscope.admin.ch or telephone ++41 (0)58 480 33 21 (please do not send applications to this email address).

Start date: As soon as possible, or as agreed. This is a three-year fixed-term appointment.