

## Preface

This publication contains the Proceedings of the ICAR Technical Workshop held in Kraków, Poland in 2015. Nearly 350 participants from 41 countries of all 5 continents attended the workshop which main topics were the role of nowadays performance recording in the genotyped world.

There are always questions for the dairy world that affect all the organisations being active in this branch. We hope that these days in Krakow strengthened the good cooperation between all ICAR members.

Nowadays reality changes and evolves faster and faster. The technological revolution is being played in front of our eyes. Therefore, the organisations responsible for animal performance recording have to keep improving their services.

The ICAR Technical Workshop is the most appropriate and important forum to exchange experience and even create new ideas and solutions. The intention of our Technical Workshop is to have presentations on available applied technologies, which have in practical scale proven their adequate functionality. And this practical aspect has to be highlighted this time because even genomics achievements can not function without a basis that performance recording creates.

This publication contains full manuscripts describing topics presented during open sessions with extended version of survey made among ICAR and non ICAR members on nowadays worldwide trends in performance recording. The range of covered topics is quite wide including:

- milk analysis for detection of pregnancy;
- metabolic disorders and mastitis;
- advisory services built on recorded data;
- manufacturers showcase;
- milk, meat and fibre recording in sheep, goats and beef cattle;
- genomics at farm and phenotyping strategies;
- as well as a workshop presented by the team of auditors for ICAR's Certificate of Quality.

All these points were debated during open sessions and parallel satellite meeting either by means of technical approaches or as a introductory elements for a wider discussion occurred among the participating experts.

The idea of creating of this paper is to gather all papers in one document available for all interested users on the ICAR website. This publication shows the crucial points which are field of interest of ICAR Members.

The success of the conference was not in first place a result of the organisers' work. It was also a result of the engagement of all participants, speakers and experts at the meetings as well as the contributions of the sponsors and exhibitors who all played a crucial role to make this event a successful. Therefore once again thank you very much for your engagement and support and we hope you will enjoy with the content of this publication.

*The Polish Organising Committee*