



# RICCARDO COLLELUORI

## PERSONAL DETAILS

Birth place: **Atri (TE), Italy**

Birth date: **17/06/1997**

Address: **via Tolara di Sotto, 19**

**Ozzano dell'Emilia (BO)**

## CONTACT

**(+39) 389 2855465**

**riccardo.colleluori2@unibo.it**

## DIGITAL SKILLS

**AMTS Cattle Professionals,**

**Dairy Comp 305,**

**R-Studio, JMP,**

**Microsoft Excel,**

**Microsoft PowerPoint**

**and Microsoft Word.**

## LANGUAGE SKILLS

Italian: **mother tongue**

English: **B2**

## EDUCATION

### PhD Student in Animal Production

**01/03/2023 - present**

*Department of Veterinary Medical Science - University of Bologna*

- supervisor: **Prof. Andrea Formigoni**
- title of project: **"Mitigation of dairy farming carbon footprint: improving herd health and production efficiency"**

### Scholarship in Animal Production

**01/07/2022 - 28/02/2023**

*Department of Veterinary Medical Science - University of Bologna*

- tutor: **Dr. Ludovica Mammi**
- argument: **"Study of automatic health monitoring systems in calves and dairy cows"**

### Degree in Veterinary Medical Science

**10/10/2016 - 24/03/2022**

*Department of Veterinary Medical Science - University of Bologna*

- thesis supervisor: **Prof. Alberto Palmonari**
- title of thesis: **"The use of NIR spectroscopy in the determination of fatty acid profile of bovine milk"**

## WORKING EXPERIENCE

### Translation of Course in Dairy Cattle Nutrition with Mike Hutjens in Italian language

**26/09/23 - present**

*SantaFè Agroinstituto - Brazil*

### Dairy Manager and Farmer in the Family Farm

**2015 - present**

*"Fattoria del Vomano" - Atri (TE)*

- field cultivation and haymaking
- youngstock and hoof care management

### Volunteering Period in the University Dairy Farm

**1/10/2020 - 24/03/2022**

*Department of Veterinary Medical Science - University of Bologna*

- manager: **Prof. Andrea Formigoni**
- data and sample collection in nutritional trials

## AWARDS

### EAAP Scholarship

30/08/2023

74th EAAP Congress - Lyon (France)

- young researcher scholarship winner with the short paper “Automatic monitoring of calves’ behaviour for a precision weaning approach”

### European Cansat Competition

29/06/2015

European Space Agency - Santa Cruz (Portugal)

- construction and launch of a mini satellite
- Beginners category - 3rd prize

## ACADEMIC PRODUCTION

### Effects of Supplementation with Tannins and Saponins Blend on Methane Emissions in High-Emitting Dairy Cows

Colleluori R., Cavallini D., Buonaiuto G., de Matos Vettori J., Ghiaccio F., Canestrari G., Mammi L.M.E., Palmonari A., Panciroli N., Formigoni A.

75th EAAP Annual Meeting, 3/09/24, Florence (Italy) - Oral presentation

### Evaluating the Potential of Methane Reduction Effects of Different Extracts from Chestnut and Quebracho in *in Vitro* Ruminal Fermentation

Ghiaccio F., Palmonari A., Vecchiato C.G., Federiconi A., Colleluori R., Canestrari G., Panciroli N., Formigoni A.

75th EAAP Annual Meeting, 3/09/24, Florence (Italy) - Poster

### Automatic Monitoring of Calves’ Behaviour for the Prediction of Health and Growth Performance

Colleluori R., Zambianchi L., Costa A., Formigoni A., Mammi L.M.E.

11th ECPLF Conference, 11/09/24, Bologna (Italy) - Paper and Oral Presentation

### Automatic Milking Systems Data Reveal that Presence of Strangers in the Farm is Stressful for Cows

Costa A., Visentin G., Mammi L.M.E., Cavallini D., Palmonari A., Colleluori R., Formigoni A.,

11th ECPLF Conference, 11/09/24, Bologna (Italy) - Paper and Oral Presentation

### Unveiling the Mechanisms Behind Methane Emission Variability in Cows: Exploring High and Low Emitters

Colleluori R., Cavallini D., Buonaiuto G., de Matos Vettori J., Ghiaccio F., Canestrari G., Speroni S., Mammi L.M.E., Palmonari A., Formigoni A.

77th SISVET National Conference, 12/06/2024, Parma (Italy) - Oral presentation

### Exploring the Relationship Between Laser and Sniffer Techniques for Methane Detection in Dairy Cows During Robotic Milking: Preliminary Findings

Cavallini D., Lamanna M., Dalla Favera F., Buonaiuto G., de Matos Vettori J., Silvestrelli S., Ghiaccio F., Romanzin A., Colleluori R.

77th SISVET National Conference, 12/06/2024, Parma (Italy) - Poster

**Sustainable Methane Reduction in Ruminants: Exploring Innovative *in Vitro* Gas Measurements Techniques and Evaluating Tannin Additive**

*Ghiaccio F., Palmonari A., Vecchiato C.G., Federiconi A., Colleluori R., Formigoni A.*

BSAS 2024, 9-11/04/2024, Belfast (Northern Ireland) - Oral presentation

**Reaching a Wider Audience: Instagram's Role in Dairy Cow Nutrition Education and Engagement**

*Muca E., Buonaiuto G., Lamanna M., Silvestrelli S., Ghiaccio F., Federiconi A., de Matos Vettori J., Colleluori R., Fusaro I., Raspa F., Valle E., Formigoni A.*

*Animals 2023, 13(22), 3503*

**Combined Inclusion of Former Foodstuff and Wet Distiller Grain in Dairy Cow Diets to Reduce the Environmental Impact of Cheese Production**

*Mammi L.M.E., Ghiaccio F., Colleluori R., Buonaiuto G., Cavallini D., Federiconi A., Palmonari A., Formigoni A.*

8th FEED Conference, 9-10/10/2023, Milan (Italy) - Oral presentation

**Automatic Monitoring of Calves' Behaviour for a Precision Weaning Approach**  
*Colleluori R., Cavallini D., Formigoni A., Mammi L.M.E.*

74th EAAP Congress, 30/08/23, Lyon (France) - Short Paper and Oral Presentation

**Precision Feeding: Amino Acids Balance in Dairy Cows Fed Two Different Levels of Total Crude Protein**

*Mammi L.M.E., Ghiaccio F., Bonfante E., Vezzani C., Colleluori R., Cortese M., Formigoni A.*

XXV ASPA Congress, 16/06/2023, Monopoli (Italy) - Oral presentation

**Assessment of Individual Dairy Cows *in Vitro* Rumen Methane Emissions**  
*Ghiaccio F., Federiconi A., Colleluori R., Formigoni A.*

XXV ASPA Congress, 16/06/2023, Monopoli (Italy) - Oral presentation

**Methane emissions valuation in dairy cattle**

*Cavallini D., Mammi L.M.E., Ghiaccio F., Colleluori R., Palmonari A., Costa A., Visentin G., Formigoni A.*

SIB National Congress, 07/10/2022, Piacenza (Italy) - Oral presentation

Date: 13/11/2024

Signature: *Riccardo Colleluori*