

# Global Research Alliance Livestock Research Group Networks Workshop



**26<sup>th</sup> June 2015**  
**08.30 – 17.15**



## University of Reading, UK

Address: School of Agriculture, Policy and Development, University of Reading, Earley Gate, Reading  
Berkshire. Sat Nav post code RG6 7BE

Parking: Car Park 23 in front of the School of Agriculture or Car Park 22 next to the surrounding  
buildings. Parking permits are available via sending your vehicle registration to [h.f.owens@reading.ac.uk](mailto:h.f.owens@reading.ac.uk)

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### Overview

This workshop brings together the dedicated research networks of the Livestock Research Group of the  
Global Research Alliance (GRA) on Agricultural Greenhouse Gases ([www.globalresearchalliance.org](http://www.globalresearchalliance.org))

### Workshop objectives

- 1) Develop/improve communication and collaboration among GRA Livestock Research Group  
Networks;
  - 2) Explore interdisciplinary approaches for tackling the issue of greenhouse gas emissions from  
animal agriculture: identifying the challenges, looking for synergies, creating collaborative  
opportunities, and defining remaining interdisciplinary questions.
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### Thursday 25<sup>th</sup> June 2015, Networks Meetings

**09.00 – 16.00**

Individual Network workshops are taking place on the 25<sup>th</sup> June. Agenda's for these meetings will  
be circulated separately to registered participants.

**16.00 – 18.30**

Visit to University of Reading's Centre for Dairy Research (CEDAR). Please indicate to  
[h.f.owens@reading.ac.uk](mailto:h.f.owens@reading.ac.uk) if you plan to attend this. Bus transport will be arranged.

# Workshop Agenda

## Friday 26<sup>th</sup> June 2015, Joint Networks Meeting

Posters available for viewing throughout the day.

Time	Agenda Item	Delegate
8.30 – 8.45	Registration	
8.45 – 9.00	<b>Welcome</b>	Chris Reynolds
9.00 – 10.20	<b>Network Presentations, 10 min each (8 min for presentation, 2 min for questions)</b>	<i>Chaired by Chris Reynolds</i>
9.00 – 9.10	Feed and Nutrition Network (FNN)	Alex Hristov
9.10 – 9.20	Grassland Research Network (GRN)	José Ignacio Velazco
9.20 – 9.30	Manure Management Network (MNN)	Jonathan Levin
9.30 – 9.40	Animal Health Network (AHN)	Ilias Kyriazakis
9.40 – 9.50	Animal Genetics Networks (ASGGN + METHAGENE)	Yvette de Haas
9.50 – 10.00	Rumen Microbial Genomics Network (RMG)	Sharon Huws
10.00 – 10.10	Ruminomics	Kevin Shingfield
10.10 – 10.20	Pangenome	Phil Vercoe presented by Yvette de Haas
10.20 – 10.30	<b>Opportunity for discussion</b>	<i>Chaired by Chris Reynolds</i>
10.30 – 11.00	<i>Tea/coffee break</i>	
11.00 – 13.00	<b>Scientific presentations, 10 min each (8 min presentation and 2 min for questions)</b>	<i>Chaired by Chris Reynolds</i>
11.00 – 11.10	Association between metabolic status and CH <sub>4</sub> production in dairy cows	Björn Kuhla
11.10 – 11.20	Mitigating enteric methane emissions: impact of nutritional quality of grass herbage and grass silage	Jan Dijkstra
11.20 – 11.30	Early-life nutritional interventions to reduce CH <sub>4</sub> emissions	David R. Yanez-Ruiz
11.30 – 11.40	Variation in methane emissions in large populations of dairy cows	Phil Garnsworthy
11.40 – 11.50	Comparison of methods to determine methane emissions from dairy cows	Pekka Huhtanen
11.50 – 12.00	Proxies in the context of COST action 'Methagene' and Overview of FACCE/JPI 'RumenStability' project	Richard Dewhurst
12.00 – 12.10	Lipogenic and glucogenic compounds: their interaction with rumen metabolism, animal health, product quality and potential as biomarker	Veerle Fievez
12.10 – 12.20	Use of the milk MIR spectra with a lactation stage specific model to predict CH <sub>4</sub> emitted by dairy cows	Frédéric Dehareng
12.20 – 12.30	Investigations into novel pathogens associated with bovine reproductive failure	Nick Wheelhouse
12.30 – 12.40	Greenhouse Gas emissions and Trypanosomiasis control in East Africa	Tim Robinson

12.40 – 12.50	Climate change, methane emission and livestock production- Indian perspective	Raghavendra Bhatta
12.50 – 13.00	Creation of database for meta-analysis	Ermias Kebreab
<b>13.00 – 14.00</b>	<i>Lunch</i>	
<b>14.00 – 14.45</b>	<b>Break-out discussion sessions</b>	<i>Chaired by Alex Hristov</i>
<b>14.45 – 15.15</b>	<i>Tea/Coffee Break</i>	
<b>15.15 – 16.45</b>	<b>Report by each discussion group (5 min), followed by general discussion and overall conclusions</b>	<i>Chaired by Alex Hristov</i>
<b>16.45 – 17.15</b>	<b>Closing remarks and further steps</b>	Chris Reynolds / Alex Hristov
<b>17.15</b>	<b>Meeting Adjourned</b>	

For further information please contact Holly Owens, University of Reading. Telephone +44 (0)118 378 4676. Email [h.f.owens@reading.ac.uk](mailto:h.f.owens@reading.ac.uk).