

GGAA 2022 Pre-Recorded Talks

Abstract ID	First Name	Last Name	Affiliation	Country	Abstract Title	Format	Mode
1	Sharon	Aarons	Australia	Australia	GHG emissions affected by collection and management of manure from an Australian grazed dairy farm	Oral	Recorded Talk on Virtual Platform
20	Alireza	Bayat	Natural Resources Institute Finland (Luke)	Finland	Effects of High-oil Rapeseed Cake or Natural Additives on Methane Emissions and Performance of Dairy Cows	Oral	Recorded Talk on Virtual Platform
26	Franco	Bilotto	Tasmanian Institute of Agriculture-University of Tasmania, Australia	Australia	THE PRODUCTIVITY-PROFITABILITY-CARBON NEXUS OF LIVESTOCK SYSTEMS UNDER INCREASINGLY VARIABLE CLIMATES	Oral	Recorded Talk on Virtual Platform
27	Timothy	Bilton	AgResearch	New Zealand	Enteric Fermentation Flagship project: Profiling rumen microbiomes for methane emission prediction in bovine species	Oral	Recorded Talk on Virtual Platform
48	Trevor	Coates	Agriculture and Agri-Food Canada	Canada	Using a UAV as a platform for micrometeorological measurements of gas emissions from a feedlot	Oral	Recorded Talk on Virtual Platform
57	Brendan	Cullen	University of Melbourne	Australia	NEXUS PROJECT: PATHWAYS FOR GREENHOUSE GAS MITIGATION AND CLIMATE CHANGE ADAPTATION OF AUSTRALIAN LIVESTOCK INDUSTRIES	Oral	Recorded Talk on Virtual Platform
63	Paulo	de Meo Filho	Rothamsted Research - North Wyke	United Kingdom	Assessing feed intake, enteric methane emissions and performance of beef steers on different pasture-based systems	Oral	Recorded Talk on Virtual Platform
69	Maria	Della Rosa	AgResearch	New Zealand	Variation in methane emission patterns from cows fed forages: potential for precision mitigation?	Oral	Recorded Talk on Virtual Platform
71	Keren	Ding	Lincoln University	New Zealand	Urine patch nitrogen level affects nitrous oxide (N ₂ O) and dinitrogen (N ₂) fluxes from a grazed pasture soil	Oral	Recorded Talk on Virtual Platform
78	Daniel	Enriquez-Hidalgo	University of Bristol	United Kingdom	Pasture type under continuous stocking had no effect on beef cattle performance or enteric methane emissions	Oral	Recorded Talk on Virtual Platform
88	Katrin	Giller	ETH Zurich	Switzerland	Effects of dietary pomegranate peel on dairy cow's nitrogen balance, antioxidant status, and methane emission	Oral	Recorded Talk on Virtual Platform
94	Robert	Gruninger	Agriculture and Agri-Food Canada	Canada	Understanding the diverse impacts of methane inhibitors on the rumen microbial community	Oral	Recorded Talk on Virtual Platform

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114	Nicholas	Hutchings	Aarhus University	Denmark	Accounting for Agricultural Greenhouse Gas Emission Reductions in National Inventories; Lessons from the Ammonia World	Oral	Recorded Talk on Virtual Platform
149	Banira	Lombardi	Universidad Nacional del Centro de la Provincia de Buenos Aires (UNICEN)	Argentina	Nitrous oxide emissions from combining cattle dung and urine patches in a temperate grassland	Oral	Recorded Talk on Virtual Platform
152	Fatma Aini	Luberina	Universitas Gadjah Mada	Indonesia	THE EFFECT OF OBLIGATIVE ANAEROBIC LACTIC ACID BACTERIA ISOLATED FROM RABBIT CAECUM ON THE REPRESSION OF METHANE PRODUCTION IN THE RUMEN	Oral	Recorded Talk on Virtual Platform
159	Marina	Martínez-Álvaro	Scotland Rural College	Reino Unido	Microbiome-driven breeding strategy to mitigate methane emissions in beef	Oral	Recorded Talk on Virtual Platform
162	Fiona	McGovern	Teagasc	Ireland	Phenotypic Factors Affecting Methane Output Measured in Irish Sheep Production Systems	Oral	Recorded Talk on Virtual Platform
280	Peyman	Neysari	Wageningen University and Research	Netherlands	ESTIMATING N ₂ EMISSION BY COMPARING DIRECT (NH ₃) AND INDIRECT (N MASS BALANCE) METHODS	Oral	Recorded Talk on Virtual Platform
182	Puchun	Niu	Norwegian University of Life Sciences	Norway	Methane yield and microbial metagenome in low and high emitting cows after rumen content exchange	Oral	Recorded Talk on Virtual Platform
185	Caroline	O'Donnell	National University of Ireland, Galway	Ireland	Evaluation of oxidizing inhibitors on enteric methane emissions and other production variables, using the rumen simulation technique	Oral	Recorded Talk on Virtual Platform
195	Şeyda	Özkan	Food and Agriculture Organization of the United Nations	The Netherlands	Livestock Actions in National Climate Commitments: Role of Cattle Health	Oral	Recorded Talk on Virtual Platform
198	Dante	Pizarro	UW-Madison	USA	Effect of Including Kernza Straw in Forage-based Heifer Diet on Methane Production, Yield and Intensity	Oral	Recorded Talk on Virtual Platform
230	Yosra	Soltan	Faculty of Agriculture Alexandria University	Egypt	Organo-modified nano-montmorillonite by quaternary ammonium cationic surfactant affected the aflatoxin B ₁ toxicity and ruminal nutrient degradability	Oral	Recorded Talk on Virtual Platform
237	Stephanie	Terry	Agriculture and Agri-Food Canada	Canada	Rumen fermentation and microbial adaptation to three red seaweeds using the rumen simulation technique	Oral	Recorded Talk on Virtual Platform
244	Ilze	Vakse	Norwegian University of Life Sciences	Norway	Let graze or feed indoors: Mitigating methane through pasture grazing compared to silage feeding indoors	Oral	Recorded Talk on Virtual Platform
258	Nelson	Vera	Instituto de Investigaciones Agropecuaria, INIA Carillanca	Chile	Effect of water-soluble carbohydrates content in <i>Lolium perenne</i> on enteric methane emissions: meta-analysis	Oral	Recorded Talk on Virtual Platform