Theme	Session #	Session	ID	Virtual	Author	Title
1	1	Dietary supplementation to reduce ruminant GHG emissions	44		Charlotte Adam	The feeding frequency of Asparagopsis oil supplementary pellets influences methane production potential in Merino sheep
1	1	Dietary supplementation to reduce ruminant GHG emissions	55		Ifeanyi Ogbuewu	Linking dietary garlic intervention to methane emissions reduction in small ruminants: Evidence from meta-analysis
1	1	Dietary supplementation to reduce ruminant GHG emissions	73		Andre Banning	Effect of drinking water application of 3-nitrooxypropanol on performance and gaseous emissions in dairy cows
1	1	Dietary supplementation to reduce ruminant GHG emissions	99		Renata Tognelli	Bromoform-based Investigational Veterinary Product fed to lactating dairy cows shows no adverse effects on behaviour
1	1	Dietary supplementation to reduce ruminant GHG emissions	105		Sreemol Suthan Nair	Freeze-dried Lactobacillus spp improved daily weight gain and reduced methane intensity in growing lambs
1	1	Dietary supplementation to reduce ruminant GHG emissions	155		Frances Cowley	Productivity of feedlot cattle improved with methane inhibition by Asparagopsis bioactives stabilized in canola oil
1	1	Dietary supplementation to reduce ruminant GHG emissions	193		Shalini Verma	Effect of dietary fat supplementation on methane emissions from dairy cows in Fiji
1	1	Dietary supplementation to reduce ruminant GHG emissions	197		Stephanie Payne	Identifying a stable carrier for bromoform to deliver enteric methane mitigation
1	1	Dietary supplementation to reduce ruminant GHG emissions	232		Mirka Thorsteinsson	Evaluation of post-harvest treatment on anti-methanogenic potential of Asparagopsis taxiformis when fed to dairy cows
1	1	Dietary supplementation to reduce ruminant GHG emissions	262		Geberemariyam Terefe	In vitro Evaluation of Rosa rugosa Thunb. on Ruminal Fermentation and Methane Production
1	1	Dietary supplementation to reduce ruminant GHG emissions	285		Giulio Giagnoni	Effect of methane-reducing additives on ruminal headspace gas composition in milk-fed dairy calves
1	1	Dietary supplementation to reduce ruminant GHG emissions	299		Adhi Visvanathan	Eco-Milking: A Breakthrough-Solution for Methane-Reduction and Dairy Productivity-Enhancement in Climate-Resilient Agriculture using marine-algae feed supplements.
1	1	Dietary supplementation to reduce ruminant GHG emissions	309		Diego Morgavi	Dihydrogen emissions were unaffected by alternative electron acceptors availability in rumen methanogenesis-inhibited dairy cows
1	1	Dietary supplementation to reduce ruminant GHG emissions	342		Nicola Walker	Investigation of the effect of 3-nitrooxypropanol in dairy cow feeding
1	1	Dietary supplementation to reduce ruminant GHG emissions	351		Mariana Nunes Vieira de Melo	Emissions intensity from feedlot finished steers on a diet with maximum inclusion of ethanol coproducts
1	1	Dietary supplementation to reduce ruminant GHG emissions	354		Ben Hiley	Evaluating feed additives to mitigate ruminants' methane emissions: In vitro insights using sheep ruminal fluid.
1	1	Dietary supplementation to reduce ruminant GHG emissions	395		Joachine Idibu	Greenhouse gas emissions from manure of sheep fed on diets containing Calliandra and Leucaena
1	1	Dietary supplementation to reduce ruminant GHG emissions	398		Joachine Idibu	Performance and enteric methane emissions of sheep fed on diets containing Calliandra and Leucaena
1	1	Dietary supplementation to reduce ruminant GHG emissions	417		Diwakar Vyas	Evaluating the Impact of Seaweed Supplementation on In Vitro Digestibility and Methane Mitigation
1	1	Dietary supplementation to reduce ruminant GHG emissions	439	V	Victoria Ojo	GINGER POWDER MEAL REDUCED METHANE GAS EMISSION FROM THREE TRADITIONAL GRASSES USED IN RUMINANT PRODUCTION
1	1	Dietary supplementation to reduce ruminant GHG emissions	441	V	Modinat Balogun	Inclusion of Parquetina nigrescens leaf-meal lowered methane gas emission from cassava residue-based diet
1	1	Dietary supplementation to reduce ruminant GHG emissions	453	V	Bereket Tunkala	Effects of Bioprotect and Brown Sorghum Tannin on Rumen Degradation, Digestibility, and Amino Acid Profile
1	2	Feed additives 2	27		Ashraf Biswas	EFFECT OF RED SEAWEED FROM THE BAY OF BENGAL ON METHANE RANKING IN GOATS
1	2	Feed additives 2	49		Richard Williams	Milk from cows given a bromoform-based methane mitigant is suitable for making cheese and yoghurt
1	2	Feed additives 2	61		Hylton Buntting	Environmental impact of using Actisaf® Sc 47 as feed additive in dairy and beef cattle.
1	2	Feed additives 2	120		Paulo Meo-Filho	Early-Life Asparagopsis taxiformis Oil Supplementation Reduces Methane Emissions in Dairy Calves
1	2	Feed additives 2	160		Merid Getahun	Insect based poultry feed integration with conventional diet significantly reduces potent greenhouse gases emission
1	2	Feed additives 2	176		Seon-Ho Kim	Effects of Asparagopsis armata Supplementation on Rumen Fermentation, Growth Performance, and Methane Production in Hanwoo
1	2	Feed additives 2	188		Jenni Vattulainen	3-Nitrooxypropanol reduced enteric methane of dairy cows more when fed in mixed than separate diets
1	2	Feed additives 2	201		Gonzalo Martinez-Fernandez	Validating the use of an inert carrier for bromoform to deliver mitigation outcomes in cattle
1	2	Feed additives 2	229		Jeyamalar Jeyanathan	Effect of alpha- and beta-acid profiles of Humulus lupulus on in vitro rumen methane emission
1	2	Feed additives 2	230		Martin Weisbjerg	Dairy cow phenotypes related to methane yield
1	2	Feed additives 2	231		Martin Weisbjerg	Variation in individual cow's response to methane-reducing additives
1	2	Feed additives 2	269		Morten Maigaard	Enteric Methane Mitigation in Dairy Heifers: The Effect of Bovaer in Different Doses
1	2	Feed additives 2	295		David Innes	Dynamics of enteric methane production of steers responding to an oil-encapsulated bromoform Investigational Veterinary Product
1	2	Feed additives 2	312		Emiel Willaert	Effect of chemical fractions of dairy cow's diet on mitigating efficacy of 3-nitrooxypropanol in vitro
1	2	Feed additives 2	327		Veerle Fievez	In vitro screening of native and non-native European trees, shrubs, and herbs for methane reduction
1	2	Feed additives 2	367		Kai Eang	Effects of whey and 3-nitroxypropanol on lactational performance and enteric methane emissions in dairy cows
1	2	Feed additives 2	407		Jorge Martinez Ferrer	Inclusion of peanut skin to the diet on enteric methane emissions in sheep fed alfalfa
1	2	Feed additives 2	428		David Yáñez Ruiz	Effect of the combination of different feed additives (3NOP, monensin and nitrate) on rumen fermentation
1	2	Feed additives 2	433		Georgia Dubeux	Potential use of red seaweed Gracilaria spp. to mitigate enteric methane emissions in beef cattle
1	2	Feed additives 2	475		Svetlana Malyugina	Tannin extract supplementation improves milk yield and reduces enteric methane in early-lactation dairy cows
1	2	Feed additives 2	476		Philip Ingram	Effect of decreasing doses of nitrate on methane emissions in lactating dairy cows.
1	2	Feed additives 2	477		Philip Ingram	Effect of nitrate on enteric methane in beef cattle fed a concentrate and straw-based diet

Theme	Session #	Session	ID	Virtual	Author	Title
1	3	Advancing animal nutrition for low-emissions livestock system	9		Thulani Ningi	The nexus between livestock production, GHG emissions and feed production in Sub-Saharan Africa
1	3	Advancing animal nutrition for low-emissions livestock systems	75		Amr Salah Morsy	Exploring Egyptian forage legumes for ruminal fermentation and methane mitigation
1	3	Advancing animal nutrition for low-emissions livestock system	91	V	Yosra Soltan	Nano ZnO-modified Sugarcane Biochar in Acacia diets: ruminal fermentation, digestibility and methane emission in vitro
1	3	Advancing animal nutrition for low-emissions livestock system	94	V	Sohila Shaban	Modified nano bentonite clays with Saccharomyces cerevisiae reduce methane emissions and enhance ruminal fermentation efficiency
1	3	Advancing animal nutrition for low-emissions livestock system	109		Kassio Lucas	Environmental impact of the EcoFeed® Index: Reducing greenhouse gas emissions in the dairy sector
1	3	Advancing animal nutrition for low-emissions livestock system	125		Francine DE QUELEN	Eco-friendly feed formulation is an efficient way to reduce climate change impact in pig production
1	3	Advancing animal nutrition for low-emissions livestock systems	153		David Godoy	Nutritional composition and in vitro methane production of tropical grass-shrub mixtures in the Peruvian Amazon
1	3	Advancing animal nutrition for low-emissions livestock system	162		Eyerus Muleta Fatula	Assessing carbon footprint, feed quality, and value chain dynamics in Ethiopia's Assela & Jimma milk sheds.
1	3	Advancing animal nutrition for low-emissions livestock systems	163		Hajer Ammar	Chemical Pre treatments of Low Unconventional Roughage to Moderate in Rumen Microbial Fermentation
1	3	Advancing animal nutrition for low-emissions livestock systems	179		Nico Peiren	Life Cycle Assessment of Drought-Tolerant Grasses for Sustainable Dairy Farming
1	3	Advancing animal nutrition for low-emissions livestock system	182		Ilma Tapio	Calcium peroxide effect on production, methane emissions and microbiota in dairy cows
1	3	Advancing animal nutrition for low-emissions livestock system	252		Yeni Widiawati	Developing emission factors and mitigation actions for enteric methane at different production systems in Indonesia
1	3	Advancing animal nutrition for low-emissions livestock system	272	V	Sandra Tatiana Suescun Ospina	Dietary Strategies for Rumen Methane Mitigation: A Meta-Analysis of In Vitro Studies (2016–2024)
1	3	Advancing animal nutrition for low-emissions livestock system	291		Caleb Swaga Barasa	Methane emission in beef bulls classified by residual feed intake
1	3	Advancing animal nutrition for low-emissions livestock system	325		Asaah Ndambi	Catalogue of solutions for mitigation of greenhouse gas emissions in livestock and crop farms
1	3	Advancing animal nutrition for low-emissions livestock system	336		Maxwell Adeyemi	CARBON FOOTPRINT OF WEAN-FINISH PIGS UNDER DIFFERENT FEEDING MANAGEMENT
1	3	Advancing animal nutrition for low-emissions livestock system	426		Simon Perez-Márqqeuez	Associations Between Carcass, Production Traits and Methane Emissions in Beef Cattle
1	3	Advancing animal nutrition for low-emissions livestock system	446		Phoebe Llantada	Growth, methane emissions, and nutrient utilization in buffaloes consuming regionally important diets across the Philippines
1	3	Advancing animal nutrition for low-emissions livestock system	458		Etchu Kingsley Agbor	MODELLING GREENHOUSE GAS EMISSIONS FROM LOCAL DAIRYS / EFFECT ON FEED TYPES ON MILK QUALITY, CAMEROON
1	4	Forage-based strategies for reducing enteric methane emissions	42		Dilini Weerathunga	Effect of various multispecies pasture combinations on in vitro methane production for temperate dairy systems
1	4	Forage-based strategies for reducing enteric methane emissions	50		Otgonpurev Sukhbaatar	Evaluation of methane emissions from grazing sheep in different regions of Mongolia
1	4	Forage-based strategies for reducing enteric methane emissions	59		Felix Owusu Sarkwa	Methane emission from manure and blood metabolites of sheep fed basal diets and browse leaves
1	4	Forage-based strategies for reducing enteric methane emissions	63		Camila Muñoz	Alfalfa versus ryegrass hay: effects on methane emissions and nitrogen excretion in dairy cows
1	4	Forage-based strategies for reducing enteric methane emissions	143		Aklilu Alemu	Inclusion of Forage Chicory to Reduce Methane Emissions from Beef Cattle: An in Vitro Study
1	4	Forage-based strategies for reducing enteric methane emissions	157		Chian Teng Ong	A non-invasive metagenomic predictions for methane gas emission in the grazing cattle
1	4	Forage-based strategies for reducing enteric methane emissions	177		Nico Peirin	Methane production, yield, and intensity of different diets with perennial ryegrass and tall fescue
1	4	Forage-based strategies for reducing enteric methane emissions	184		James Pickup	Impact of lactic acid bacteria inoculants on silage quality, microbial dynamics, and methane emissions mitigation
1	4	Forage-based strategies for reducing enteric methane emissions	195		Francis Mani	Nutrient Composition of tropical Pastures in Tailevu Province, Fiji
1	4	Forage-based strategies for reducing enteric methane emissions	208		Stefan Muetzel	Methane prediction for different cattle categories fed fresh pasture
1	4	Forage-based strategies for reducing enteric methane emissions	216		Arjan Jonker	Relationship of grazing and rumination duration with methane emission patterns in grazing cows fed concentrates
1	4	Forage-based strategies for reducing enteric methane emissions	253		Omar Cristobal Carballo	Effect of grazing multispecies swards on performance and methane emissions of finishing ewe lambs
1	4	Forage-based strategies for reducing enteric methane emissions	292	V	Daniel Santander	Methane emissions response to different levels of corn supplementation to cattle fed a forage-based diet
1	4	Forage-based strategies for reducing enteric methane emissions	298		Zhaoyang Cui	Chicory mitigates methane emissions in dairy cows without compromising milk yield compared to perennial ryegrass
1	4	Forage-based strategies for reducing enteric methane emissions	303		Haldis Kismul	Effect of ensiled grass pulp on dairy cow dry matter intake, milk and methane production
1	4	Forage-based strategies for reducing enteric methane emissions	304		Mohamed Habibou Assouma	DYNAMICS OF ENTERIC METHANE EMISSIONS DURING THE WET SEASON IN ZEBU CATTLE IN SUB-SAHARAN AFRICA
1	4	Forage-based strategies for reducing enteric methane emissions	307		Edward Hernando Cabezas Garcia	Tier-2 methane emission factor for pregnant alpacas grazing cultivated pastures in the Peruvian Andes
1	4	Forage-based strategies for reducing enteric methane emissions	311		Ermias Haile	Breeding/Selection Low-Methane Forages: A strategy to reduce enteric methane emissions in the Global South
1	4	Forage-based strategies for reducing enteric methane emissions	315		Caleb Sagwa	Impact of maize supplementation on performance and methane emission in fattening heifers fed high-quality forage
1	4	Forage-based strategies for reducing enteric methane emissions	321		Jane Wamatu	Altitude and harvest day affects yield, nutritive value, and carbon footprint of Guatemala grass
1	4	Forage-based strategies for reducing enteric methane emissions	348		José Gere	Enteric methane emissions from beef cattle grazing silvopastoral vs. open-sky pastures in northeastern Argentina.
1	4	Forage-based strategies for reducing enteric methane emissions	375		Ndifreke Udo	Impact of Tannin-Rich Forages on Biogas and Methane Emissions from Sheep Manure Managed Anaerobically

Theme	Session #	Session	ID	Virtual	Author	Title
1	4	Forage-based strategies for reducing enteric methane emissions	447		Jamie Newbold	Defining new phenotypes for forage improvement based on rumen function and greenhouse gas (GHG) emissions.
1	4	Forage-based strategies for reducing enteric methane emissions	452		Juan Jose Gonzalez Guzman	Evaluation of the diversity and nutritional quality forages through NIRS signatures captured in the field
1	5	Innovative feeding stategies for reducing Methane emissions	202		Richard Eckard	Appropriate strategies that reduce emission intensity of livestock enterprises can improve resilience and profit
1	5	Innovative feeding stategies for reducing Methane emissions	213		José Gere	In vitro screening of the antimethanogenic effects of Patagonian seaweeds in ruminants.
1	5	Innovative feeding stategies for reducing Methane emissions	214	V	Rafael Jiménez-Ocampo	Patents in Methane Emission Reduction Technologies for Ruminants, with a Special Emphasis on Mexico
1	5	Innovative feeding stategies for reducing Methane emissions	219	V	Nasser Ibrahime Tao	How does using crop residues from garden markets in ruminant feeding affect enteric methane emissions
1	5	Innovative feeding stategies for reducing Methane emissions	235		Emily Burton	Effect of legume and enzymatic supplementation on growth, excreta moisture, and carbon footprint of broiler
1	5	Innovative feeding stategies for reducing Methane emissions	251		Rong Peng	Identification of methane inhibitors through in silico docking and in vitro ruminal fermentation
1	5	Innovative feeding stategies for reducing Methane emissions	268		Tien Thi Phuong Vo	Role of inoculum characteristics on in vitro effectiveness of 3-nitrooxypropanol on methane mitigation
1	5	Innovative feeding stategies for reducing Methane emissions	271	V	Sandra Tatiana Suescun Ospina	A Sustainable Livestock Approach: Chilean Grape Marc as a Feed Ingredient to Mitigate Environmental Impacts
1	5	Innovative feeding stategies for reducing Methane emissions	278		Adam Cieślak	Camelina sativa Cake Reduces Enteric Methane Emissions in Heifers by Suppressing Methanogen Without Compromising Digestibility
1	5	Innovative feeding stategies for reducing Methane emissions	279		Shelemia Nyamuryekung'e	Use of calcium peroxide to inhibit methane from Norwegian White Sheep
1	5	Innovative feeding stategies for reducing Methane emissions	293		Mohamed Nurye	Effect of feed additives on methane emissions of finishing steers under grain-based diet
1	5	Innovative feeding stategies for reducing Methane emissions	320		Alexandre Berndt	Impact of co-product supplementation on the carbon footprint of cattle raised on tropical pastures
1	5	Innovative feeding stategies for reducing Methane emissions	349		Aaron Casey	Impact of Calcium Peroxide on Enteric Methane Emissions in Grazing Lactating Dairy Cows
1	5	Innovative feeding stategies for reducing Methane emissions	352		Laura Gualdrón Duarte	A combination of by-products significantly reduces the enteric methane emissions from sheep in Argentina
1	5	Innovative feeding stategies for reducing Methane emissions	355		Sara Stephanie Valencia Salazar	Methane Reduction in Cattle Diets Through Tropical Legume pods and foliage Supplementation
1	5	Innovative feeding stategies for reducing Methane emissions	357		Richard David Ayala Roldan	Effect of agro-industrial by-products supplementation on cow productivity and methane emission in the Peruvian Amazon
1	5	Innovative feeding stategies for reducing Methane emissions	359		Andres Jaramillo-Botero	Metabolomic Profiling of Forages to Identify Anti-Methanogenic Compounds Targeting Enteric Methane for Sustainable Livestock Systems
1	5	Innovative feeding stategies for reducing Methane emissions	362		Emily Roskam	Calcium peroxide supplementation mitigates methane with no effects on animal performance in grazing beef cattle
1	5	Innovative feeding stategies for reducing Methane emissions	410		Alejandra Marín Gomez	Strategic screening of forages from international genebanks for low enteric methane emission
1	5	Innovative feeding stategies for reducing Methane emissions	443		Laura Bertolaso De Vecchi	Optimizing sheep diets with agroindustrial by-products: Effects on fermentation, degradability, and methane emissions
1	5	Innovative feeding stategies for reducing Methane emissions	456		Rahman Onabanjo	Mitigating Methane Emissions in Livestock: Evaluating Grass-Legume Silage Combinations
1	5	Innovative feeding stategies for reducing Methane emissions	462		Paul Chavarriag-Aguirre	Evaluation of a CRISPR/Cas9 based gene editing system for Urochloa humidicola (Poaceae)
1	5	Innovative feeding stategies for reducing Methane emissions	474		José Gere	Effect of a high nonforage-NDF concentrate diet on growing steers and air emissions.
1	6	Nutritional approaches to minimize GHG emissions	43		Lindokuhle Mhlongo	Effect of Acacia mearnsii on rumen fermentation in vivo and gas production kinetics in vitro
1	6	Nutritional approaches to minimize GHG emissions	65		Endale Balcha	Comparing models for methane emissions in Tanzanian cattle with and without concentrate supplementation
1	6	Nutritional approaches to minimize GHG emissions	119		Eden Tesfaye	Impact of effective microorganisms-treated wheat bran on nutritional parameters and methane production
1	6	Nutritional approaches to minimize GHG emissions	154		Aklilu Alemu	Annual forage crop blends for grazing: impacts on forage yield, animal performance and methane emissions
1	6	Nutritional approaches to minimize GHG emissions	171		David Pacheco	Feeding fodder beet (Beta vulgaris L.) reduces methane emissions and nitrogen excretion from sheep
1	6	Nutritional approaches to minimize GHG emissions	180		Christian Børsting	Enteric methane and milk production – effects of fat and forage sources
1	6	Nutritional approaches to minimize GHG emissions	189		Francine De Quelen	Low nitrogen feeding reduce environmental impacts of pig production from the feeding to the effluent
1	6	Nutritional approaches to minimize GHG emissions	200		Xianjiang Chen	Effects of dietary protein levels on ammonia and nitrous oxide emissions from dairy cows manure
1	6	Nutritional approaches to minimize GHG emissions	221		Dona Boris Ahouanto	How can the use of tree legume forages be optimized in enteric methane mitigation strategies ?
1	6	Nutritional approaches to minimize GHG emissions	224		Anne Louise Frydendahl Hellwing	Methane emission from horses fed two different rations
1	6	Nutritional approaches to minimize GHG emissions	233		Mirka Thorsteinsson	Dosing of bacteria-free rumen fluid isolated from a low emitter to high methane-emitting dairy cows
1	6	Nutritional approaches to minimize GHG emissions	241		Caleb Sagwa	Methane emissions on late gestation of beef heifers classified for residual feed intake
1	6	Nutritional approaches to minimize GHG emissions	245		Juan-Carlos Ku-Vera	Effect of Intake of Leucaena leucocephala on Methane Emissions and Heat Production of Crossbred Heifers
1	6	Nutritional approaches to minimize GHG emissions	273		Gabriela Volpi Lagreca	Dried distiller's grains supplementation to reduce enteric methane emissions and nitrogen excretion from grazing-beef heifers
1	6	Nutritional approaches to minimize GHG emissions	290		Muhammad Lawal	Plant extract greatly reduces in-vitro methane production in exotic but not indigenous cattle

Theme	Session #	Session	ID	Virtual	Author	Title
1	6	Nutritional approaches to minimize GHG emissions	339		Geberemariyam Terefe	Effect of yeast-treated wheat straw on milk production and methane emissions in crossbred dairy cows
1	6	Nutritional approaches to minimize GHG emissions	341		Rachel Connolly	The effect of sward type on enteric methane and rumen microbiome of ewes
1	6	Nutritional approaches to minimize GHG emissions	364		Alejandra Marin Gomez	Breeding Urochloa spp. and Megathyrsus maximus for low methane livestock systems
1	6	Nutritional approaches to minimize GHG emissions	368		Alejandra Marín Gomez	In vitro screening for low methane forages and their in vivo evaluation: approaches and pathways
1	6	Nutritional approaches to minimize GHG emissions	369		Alemayehu Kidane	Effects of silage additives, fermentation products and feed preservatives on in vitro rumen fermentation products
1	6	Nutritional approaches to minimize GHG emissions	373		Patricia Ricci	An in vitro approach of two different carbohydrate sources incubated with different ruminal inocula
1	6	Nutritional approaches to minimize GHG emissions	396		Ermias Kebreab	Meta-analysis of methane variations explained by rumen accessible fatty acid, dietary, rumen, and animal variables
1	6	Nutritional approaches to minimize GHG emissions	402		Marcia Grobler	Methane production from beef bulls under intensive feeding conditions measured with a Laser Methane Detector
1	6	Nutritional approaches to minimize GHG emissions	406		Maria Helena De Oliveira	Multi-Objective Feed Formulation for Minimizing Cost and Methane Emissions in Dairy Production
1	6	Nutritional approaches to minimize GHG emissions	424		Tommy Boland	Does sward type influence lamb performance, enteric methane or the rumen microbiome in lambs post-weaning?
1	6	Nutritional approaches to minimize GHG emissions	468		Alireza Ehsani	Effect of physical activities on methane emission, parameter estimations and predictions in dairy cattle
2	1	Breeding resilience: Integrating emissions,	22		Akeem Babatunde Sikiru	Decoding pre-weaning heat stress effects and gene networks in neonatal dairy calves for climate-resilient breeding
2	1	Breeding resilience: Integrating emissions,	33	V	James Nyabola	Animal Health, Genetics and Genomics for Climate Resilience
2	1	Breeding resilience: Integrating emissions,	54		Ndidi-Paschal Anyoha	Climate-smart Agriculture in Poultry Farming in Southeast Nigeria
2	1	Breeding resilience: Integrating emissions,	79		Georgette Pyoos	Estimated methane efficiency and expression of breed and heterosis effects of different beef cattle genotypes
2	1	Breeding Resilience: Integrating Emissions, health and Environmental Adaptation	114		Regina Eckhardt	Multimodal Data-Driven Insights into Cattle Behaviour for Adapting Livestock Management to Climate Challenges
2	1	Breeding Resilience: Integrating Emissions, health and Environmental Adaptation	314		Sarah-Joe Burn	Associations between energy efficiency and methane production in dual-purpose Fleckvieh cows
2	1	Breeding Resilience: Integrating Emissions, health and Environmental Adaptation	322		Enyew Negussie	Repeatability of methane traits from Greenfeed & their longitudinal associations with feed efficiency in Nordic RedCattle
2	2	Genetics meets climate action	88		Cameron Whistler	Recording methane production phenotypes from composite and crossbreed beef cattle grazing tropical and subtropical pastures.
2	2	Genetics Meets Climate Action: Breeding Strategies for Low-Emission Livestock	104		Matome Madilindi	Evaluating genetic and non-genetic influences on predicted methane emission traits in South African Holstein cows
2	2	Genetics meets climate action	131		Michiel Scholtz	Cost of reducing methane production through genetic selection in beef cattle
2	2	Genetics meets climate action	178		Dermot Kelly	Predicting Methane Emissions in Ewes
2	2	Genetics Meets Climate Action: Breeding Strategies for Low-Emission Livestock	186		Anouk van Breukelen	Breeding for low methane emitting dairy cows in the Netherlands
2	2	Genetics Meets Climate Action: Breeding Strategies for Low-Emission Livestock	206		Lucy Chipondro	Updating the economic values for national sheep breeding objectives and incorporating the carbon sub index
2	2	Genetics meets climate action	212		Patrick McCarron	The relationship between methane output and body composition in post weaning lowland and hill lambs
2	2	Genetics meets climate action	266		Edel O` Connor	Does ewe genetic merit influence methane output? An investigation via a field based case study.
2	2	Genetics Meets Climate Action: Breeding Strategies for Low-Emission Livestock	280		Raffaella Finocchiaro	Genomic Evaluation of Methane Emissions and Feed Efficiency in Holstein Bulls
2	2	Genetics Meets Climate Action: Breeding Strategies for Low-Emission Livestock	335		Suzanne Rowe	Using milk and rumen phenotypes as a proxy for enteric methane emissions in lactating ewes
2	2	Genetics meets climate action	400	V	Pablo Peraza	Host genetics and rumen microbiome impact on methane and feed efficiency traits in Hereford cattle
3		Rumen Microbiota for sustainable methane mitigation and livestock efficiency	24		Ravindra Kumar	Rumen microbiome manipulation at early life reduced methane emission and improved digestibility in goats
3		Rumen Microbiota for sustainable methane mitigation and livestock efficiency	45		Wenji Wang	Effects of nitrate, protein supply, and genetic yield index on dairy cow rumen microbiota
3		Rumen Microbiota for sustainable methane mitigation and livestock efficiency	51		Vincent Reyes	Microbiome Signatures and Pathways in Japanese Black Cattle by Fertility Levels
3		Rumen Microbiota for sustainable methane mitigation and livestock efficiency	86		Emilio Ungerfeld	Coenzyme M and methyl-coenzyme M reversed methanogenesis inhibition by 2-bromoethanesulphonate but not 3-nitrooxypropanol or bromoform
3		Rumen Microbiota for sustainable methane mitigation and livestock efficiency	100		Hanne Honerlagen	Exploring microbial-enhanced selection to lower methane emissions from dairy cows

Theme	Session #	Session	ID	Virtual	Author	Title
3		Rumen Microbiota for sustainable methane mitigation and livestock efficiency	108		Paul Smith	Differences in the Rumen Microbial Profile of Dairy and Suckler Bred Beef Steers
3		Rumen Microbiota for sustainable methane mitigation and livestock efficiency	248		Andrea Milena Sierra-Alarcón	Ruminal microbiome diversity in beef cattle grazing on traditional pastoral system from Colombian Caribbean region
3		Rumen Microbiota for sustainable methane mitigation and livestock efficiency	249		Andrea Milena Sierra-Alarcón	Comparison between microbiome of ruminal fluid and faeces from dairy cows in two grazing-based systems
3		Rumen Microbiota for sustainable methane mitigation and livestock efficiency	297		Bente Aspeholen Åby	Effect of breed and grass silage quality on rumen microbiota in sheep
3		Rumen Microbiota for sustainable methane mitigation and livestock efficiency	313		Milka Popova	Supplementation with monomeric phenolic compounds modulates the rumen bacterial community under inhibited methanogenesis in vitro
3		Rumen Microbiota for sustainable methane mitigation and livestock efficiency	316		米见对 Jiandui Mi	A metagenomic catalogue of the ruminant gut archaeome
3		Rumen Microbiota for sustainable methane mitigation and livestock efficiency	318		Stafford Vigors	Assessing the impact of feeding Plantago lanceolata L. on the rumen microbiome of dairy cows
3		Rumen Microbiota for sustainable methane mitigation and livestock efficiency	347		Edward Hernando Cabezas Garcia	Methane emissions, productivity parameters, and rumen microbiome across development stages of East African Boran cattle
3		Rumen Microbiota for sustainable methane mitigation and livestock efficiency	419		David Yanez-Ruiz	Co-development of the host immune system and the establishment of methanogens in ruminants in early-life
3		Rumen Microbiota for sustainable methane mitigation and livestock efficiency	422		Dorothy Yaa	Leveraging RNA Interference Technology to Target Methanogens for Mitigation of Enteric Methane Emissions in Cattle
4		Managing manure for GHG reduction	15		James Ndolo	Climate Change Adaptation Strategies in Manure Management in Kenya's ASAL Regions
4		Managing manure for GHG reduction	26		Esiobu Nnaemeka Success	Do Ammonia Emissions From Dairy Farms Impact Nutrition and the Environment? Evidence from Meta Analysis
4		Managing manure for GHG reduction	39	V	Abraham Feyissa	Methane and nitrous oxide emissions from manure and response to farming system dynamics in Ethiopia
4		Managing manure for GHG reduction	41		Michael Oke	Overview of household that produces poultry and uses manure in Gwagwalada Areas Council, Abuja Nigeria.
4		Managing manure for GHG reduction	64		Eshetu Emiru Nigussie	Assessment of Integrated Dairy Farming with Vermicomposting Technology in Gondar City, Amhara Region, Ethiopia
4		Managing manure for GHG reduction	69	V	Samuel Kiuna	Long-Term Effects of Different Cattle (Bos taurus) Kraals Occupancy Durations on Vegetation Response
4		Managing manure for GHG reduction	101		Chebet Arusey	Antibiotics increase greenhouse gas emission from cattle manure in Kenya
4		Managing manure for GHG reduction	106		Justus Omweri	Significance of farm yard manure on small scale farmers in arids zone of Kajiado, Kenya
4		Managing manure for GHG reduction	150		Anthony Esabu	Assessment of Manure Management Practices Among Livestock Farmers in Uganda
4		Managing manure for GHG reduction	259	V	Mariana Nunes Vieira de Melo	Post-Feedlot Manure Emissions from Nellore Steers Cease After 35 Days
4		Managing manure for GHG reduction	360		Khagendra Baral	Evaluation of novel treatments to reduce ammonia and greenhouse gas emissions from stored cattle slurry
4		Managing manure for GHG reduction	371		Zenebe Sahile	Enhancing Indoor Air Quality and Health Among Biogas Digester Users: A Case Study in Ethiopia
4		Managing manure for GHG reduction	377		Gaius Vihowanou	Greenhouse Gas Emissions from Manure Heaps of Dairy Cattle Fed Diets with Different Feed Qualities
4		Managing manure for GHG reduction	394		Esphorn Kibet	Post-Thermophilic Application of Tithonia diversifolia Enhances Compost Nutrient Levels and Contributes Limited Greenhouse Gas Emissions
4		Managing manure for GHG reduction	415		Navdeep Saini	Evaluating acidification rates on methanogen populations in stored liquid swine manure under realistic Canadian temperatures
4		Managing manure for GHG reduction	440		Ibrahim Wanyama	Current manure management in Uganda and Ethiopia affects manure quality, greenhouse gas emissions, and health.
4		Managing manure for GHG reduction	454		Jared Nyang'au	Effects of dietary strategies for methane mitigation on greenhouse gas emissions during manure storage
5	1	Climate-smart soil and grazing management	10		Thulani Ningi	Impact of agricultural land use practices on GHG emissions in sub-Saharan Africa: a DOLS approach
5	1	Climate-smart soil and grazing management	19	V	Abraham Feyissa	Climate-Smart Dairy Farming for GHG Mitigation and Food Security in the Salale Highlands, Ethiopia
5	1	Climate-smart soil and grazing management	58		Felix Owusu Sarkwa	Methane emission and blood total serum levels of different breeds of cattle grazing in Ghana
5	1	Climate-smart soil and grazing management	78		Kevin Roger Trumpp	Carbon accrual in contrasting beef cattle grazing systems
5	1	Climate-smart soil and grazing management	85		Petra Manninen	The effect of management practices on N2O emissions from a northern mineral soil agricultural field
5	1	Climate-smart soil and grazing management	90		Musika Rogious	Common emitters of greenhouse gases in Uganda
5	1	Climate-smart soil and grazing management	129		Ainslie MacDonald	Can soil and tree carbon sequestration maintain zero net emissions grazing?
5	1	Climate-smart soil and grazing management	133		Haldis Kismul	Effect of access to production pasture versus exercise pasture on dairy cow methane emissions
5	1	Climate-smart soil and grazing management	142	V	Marta Alfaro	Greenhouse gas emissions from sheep urine application in New Zealand silvopastoral systems
5	1	Climate-smart soil and grazing management	145	V	Dana W. Olijhoek	Methane emission of dairy cows grazing versus indoor feeding with silage

Theme	Session #	Session	ID	Virtual	Author	Title
5	1	Climate-smart soil and grazing management	181		Grete Helen Meisfjord Jørgensen	Effect of pasture quality and availability on ruminants methane emissions under Nordic conditions
5	1	Climate-smart soil and grazing management	183		Maria Lopez Peralta	A Framework to Quantify Emissions and Mitigation Strategies in Dynamic Grazing Livestock Systems
5	1	Climate-smart soil and grazing management	194		Juan Diego Baraldo	Partial Carbon Footprint of Uruguayan Dairy Farming
5	1	Climate-smart soil and grazing management	218		Cecilia Loza	GHG emissions from cattle urine patches in two pasture-based dairy systems with contrasting intensification strategies
5	1	Climate-smart soil and grazing management	237		Narasinha Shurpali	GHG flux measurements in grasslands for assessing the sustainability of boreal milk production
5	1	Climate-smart soil and grazing management	238	V	Zhaoyang Cui	*In vitro gas and methane production from chicory, plantain, and birdsfoot trefoil across regrowth weeks*
5	1	Climate-smart soil and grazing management	257		Aklilu Alemu	Nitrous oxide emissions from urine patches of beef cattle grazing poly crop mix swath
5	1	Climate-smart soil and grazing management	277		Ronnal Esneyder Ortiz-Cuadros	Assessment of enteric methane emissions and animal performance of Blanco Orejinegro cattle in Antioquia department
5	1	Climate-smart soil and grazing management	300		Collins Oduor	Impacts of management on soil carbon sequestration and ecosystem resilience in Kenya’s semi-arid rangelands
5	1	Climate-smart soil and grazing management	328		Juliana Ranches	Seasonality of Methane Emissions of Beef Cattle Grazing on Native Sagebrush in Western United States.
5	1	Climate-smart soil and grazing management	345		Constantine Bakyusa Katangole	Tier-2 and Tier-1 enteric methane emission factors for pastoral and agro-pastoral cattle systems in Uganda
5	1	Climate-smart soil and grazing management	391	V	Zenebe Sahile	Effectiveness of Bioslurry Use as Fertilizer in Enhancing Forage Production and Reducing Greenhouse Gas Emissions
5	1	Climate-smart soil and grazing management	399		Patricia Ricci	Long-term measurement of Greenhouse Gas emissions and Carbon Balance of grazing livestock in Argentina
5	1	Climate-smart soil and grazing management	429		Alexandre Berndt	Carbon footprint of rearing Nellore young bulls as affect by pasture nitrogen fertilization sources
5	1	Climate-smart soil and grazing management	471		Winnie Ntinyari	Manure distribution and soil water content controls N2O emissions and sources
5	2	Global approaches to mitigating GHG emissions in agricultural soils and grazing systems	16		James Ndolo	GHG Emissions from Agricultural Soils and Grazing Systems in Kenya's Pastoralist Regions
5	2	Global approaches to mitigating GHG emissions in agricultural soils and grazing systems	21		Abdulhakeem Lawal Ahmad	Impact of Land-Use types on GHG Emissions, and Aboveground Biomass in Arid Ecosystem of Nigeria
5	2	Global approaches to mitigating GHG emissions in agricultural soils and grazing systems	23		Haftay Hailu Gebremedhin	Grazing affects soil organic carbon stock directly and indirectly through herbaceous species diversity
5	2	Global approaches to mitigating GHG emissions in agricultural soils and grazing systems	77		Premrose Masunungure	Greenhouse gas emissions under different land uses in mixed crop-livestock systems in sub-humid Zimbabwe
5	2	Global approaches to mitigating GHG emissions in agricultural soils and grazing systems	81		Abir Dey	Atmospheric carbon dioxide removal vis-a-vis soil amelioration through enhanced rock weathering in Indian acidic soil
5	2	Global approaches to mitigating GHG emissions in agricultural soils and grazing systems	82		Abir Dey	Kinetics of microbial-consortium mediated decomposition of crop residues with different bio-compositions
5	2	Global approaches to mitigating GHG emissions in agricultural soils and grazing systems	110		Flavia Santos	Carbon sequestration and soil health in integrated crop-livestock system on sandy soil in Brazil
5	2	Global approaches to mitigating GHG emissions in agricultural soils and grazing systems	116		Famoussa Dembele	Seasonal Soil CO2 Efflux Dynamics Across Land Use Systems in Ghana: Implications for Climate Mitigation
5	2	Global approaches to mitigating GHG emissions in agricultural soils and grazing systems	124		Girmay Darcha	Application of Dairy Effluent on Pecan Plantations Intensifies Nitrous Oxide and Methane Emissions
5	2	Global approaches to mitigating GHG emissions in agricultural soils and grazing systems	148		Talent Namatsheve	Nitrous oxide emissions under conservation agriculture and biochar amendments in a Ferralsol, northern Uganda
5	2	Global approaches to mitigating GHG emissions in agricultural soils and grazing systems	239		Abubakar Halilu Girei	Effects of Irrigation and Fertilizer Management on Greenhouse Gas Emissions in Rice Fields
5	2	Global approaches to mitigating GHG emissions in agricultural soils and grazing systems	250		Eyerus Muleta Fatula	Nitrous Oxide Emissions from Dairy Cattle Urine and Its Relationship with Milk Urea Nitrogen Content
5	2	Global approaches to mitigating GHG emissions in agricultural soils and grazing systems	323		Ana Claudia Ruggieri	Cumulative emissions of greenhouse gas in agricultural systems in Brazil
5	2	Global approaches to mitigating GHG emissions in agricultural soils and grazing systems	411		Francisco Paulo Amaral Junior	Factors affecting GHG emissions in agricultural systems in the Atlantic forest biome in Brazil
5	2	Global approaches to mitigating GHG emissions in agricultural soils and grazing systems	420		Jacobo Arango	Low-methane forages: Discovery, development and deployment in the Global South
5	2	Global approaches to mitigating GHG emissions in agricultural soils and grazing systems	425		Pawendtaoré Christian Bougma	Effect of fertilization types on greenhouse gas emissions in irrigated rice production in Burkina Faso
5	2	Global approaches to mitigating GHG emissions in agricultural soils and grazing systems	437	V	Valaire Séraphin Ouehoudja Yaro	Seasonal variation in greenhouse gas emissions across land use types in West Africa semi-arid conditions

Theme	Session #	Session	ID	Virtual	Author	Title
5	2	Global approaches to mitigating GHG emissions in agricultural soils and grazing systems	438		Loyapin Bondé	How nitrogen fertilizers affect nitrous oxide emissions in maize production in West Africa?
6		Innovations in Circular Livestock Systems for Climate-Smart Agriculture	6		Douglas Mutua	Farm-to-Fork in Magical Kenya: Impacts on Satisfaction, Seed Systems, and Sustainability
6		Innovations in Circular Livestock Systems for Climate-Smart Agriculture	25		Habtamu Alem	Reducing Methane Emissions and Enhancing Farm Performance: Insights from Norwegian Dairy Farms
6		Innovations in Circular Livestock Systems for Climate-Smart Agriculture	103	V	Hassan Khanaki	Indirect Method of Global Warming Assessment via Plasma Nitrogen isotopic discrimination in Small Ruminants
6		Innovations in Circular Livestock Systems for Climate-Smart Agriculture	113		James Ndolo	Circular Economy in Animal Agriculture among Africa's Maasai People: A Sustainable Model for Resilient Livelihoods
6		Innovations in Circular Livestock Systems for Climate-Smart Agriculture	204		Sanele Thabani Jiyana	Carcass characteristics and meat quality of Nguni yearlings feedlotted with climate-resilient Leucaena leucocephala leaf meal
6		Innovations in Circular Livestock Systems for Climate-Smart Agriculture	207		Victoria Chepkorir Too	Circular Economy Approaches for Reducing Greenhouse Gas Emissions in Kenyan Agricultural Systems
6		Innovations in Circular Livestock Systems for Climate-Smart Agriculture	236		Hajer Ammar	Nutritive Value Assesment of some Agro-industrial by-products as an Alternative Strategy in Ruminant Feeding systems
6		Innovations in Circular Livestock Systems for Climate-Smart Agriculture	286		Ffion Evans	Methodological framework to evaluate circularity in livestock systems: application to different contexts in Europe
6		Innovations in Circular Livestock Systems for Climate-Smart Agriculture	324		Maguy Eugene	Mitigating Greenhouse Gas Emissions in Tropical Agriculture: The impact of Crop-Livestock Integration practices in Guadeloupe
6		Innovations in Circular Livestock Systems for Climate-Smart Agriculture	329		Daniel Henn	Circularity for food production with low climate and land impact
6		Innovations in Circular Livestock Systems for Climate-Smart Agriculture	340		Hussien Ali	Harnessing Source-Separated Organic Municipal Waste for Fertilizer Production and Sustainable Waste Management in Ethiopia
6		Innovations in Circular Livestock Systems for Climate-Smart Agriculture	382		Linde Du Toit	ASSESSING NUTRIENT CIRCULARITY ON DIFFERENT FARM TYPOLOGIES IN SOUTH AFRICA
6		Innovations in Circular Livestock Systems for Climate-Smart Agriculture	383		Grete Jørgensen	DairyMix: multi-criteria assessment and decision support for sustainable circular mixed farming systems for dairy production
6		Innovations in Circular Livestock Systems for Climate-Smart Agriculture	405		Demissie Keche	Assessing the System Stability and Performance of Small-Scale Biogas Digesters Across Seasons
6		Innovations in Circular Livestock Systems for Climate-Smart Agriculture	435		Kenneth Oduor	Cactus Opuntia stricta contributes to carbon sequestration and modulates soil properties in Laikipia, Kenya
6		Innovations in Circular Livestock Systems for Climate-Smart Agriculture	473		Peter Ettema	FAO LEAP Guidelines on The Role of Livestock in Circular Bioeconomy Systems
7	1	Greenhouse gas emissions from livestock	52		Alberto Maresca	Carbon Footprint of dairy and suckler beef in Denmark: baseline and potential mitigation alternatives
7	1	Greenhouse gas emissions from livestock	56		Frédérika Nadon	Reducing the Carbon Footprint of Québec Dairy Farms: A Collaborative Living Lab Approach
7	1	Greenhouse gas emissions from livestock	57		Juan Vargas	Evaluation of predicting enteric methane emissions models in finishing steers.
7	1	Greenhouse gas emissions from livestock	80	V	Hassan Khanaki	Assessing the Effect of Conserved Forage on Dairy Production and Methane Emissions in Climate-Resilient Systems
7	1	Greenhouse gas emissions from livestock	98		Cecile de Klein	Supporting the transition towards carbon-zero dairy systems: the New Zealand case-study of the ClieNFarms programme NEW ZEALAND
7	1	Greenhouse gas emissions from livestock	164		Dominik Wisser	The costs and benefits of different mitigation interventions in rural production systems in Africa
7	1	Greenhouse gas emissions from livestock	185		Yushan Li	From Static to Dynamic: Advancing Herd Modeling in GLEAM-X to support long-term decision making
7	1	Greenhouse gas emissions from livestock	205	V	Emmanuel Mwema	Leveraging Breed-Specific Data to Guide Targeted Greenhouse Gas Mitigation Strategies in Uganda's Dairy Sector
7	1	Greenhouse gas emissions from livestock	240		Frans Jordaan	Methane emissions from Bonsmara cattle in feedlot and grass-fed production systems
7	1	Greenhouse gas emissions from livestock	294		Brendan Cullen	Implications of farm adaptation to a changing climate on greenhouse gas emissions of livestock production AUSTRALIA
7	1	Greenhouse gas emissions from livestock	296		Giulio Giagnoni	Evaluation of partial least squares regression as empirical model for enteric methane in dairy cows DENMARK
7	1	Greenhouse gas emissions from livestock	310		James Gibbons	Interactions between pasture biodiversity, milk production and greenhouse gas emissions in small African dairy systems UK / KENYA
7	1	Greenhouse gas emissions from livestock	376		Tuan Poy Tee	A GIS-Based LCA Approach for Quantifying Greenhouse Gas Emissions in Malaysian Commercial Dairy Farms
7	1	Greenhouse gas emissions from livestock	409		Codjo M. Esteban Henoc Medenou	Enteric Methane Factors for Cattle Production Systems in Kenya KENYA
7	1	Greenhouse gas emissions from livestock	460		Juan Tricarico	The Ruminant Farm Systems (RuFaS) model allows evaluation of whole-farm greenhouse gas emissions
7	2	Scaling and Modelling of GHG Emissions	31		Michael Chege	Modelling GHG Emissions by Kenya's Agricultural Sector: Comparative Analysis of ARIMA, ETS and NNAR Models
7	2	Scaling and Modelling of GHG Emissions	32	V	Ganesh Bhattarai	Interdisciplinary Benefits and Trade-offs in Carbon Reduction Practices for Sheep Farming
7	2	Scaling and Modelling of GHG Emissions	137		Sandra Erasmus	Effect of temperature-humidity index on milk yield and methane emission in South African Holstein cows
7	2	Scaling and Modelling of GHG Emissions	141		Ruth Sitienei	Advancing the Denitrification and Decomposition Model for Biosolids and Manure Applied to Cropland CANADA
7	2	Scaling and Modelling of GHG Emissions	187		Narindra Rakotovao	GLEAM-X: A web application to assess emissions and other environmental impacts for sustainable livestock transformation
7	2	Scaling and Modelling of GHG Emissions	190		Lydia Lanzoni	The GLEAM Global Livestock Production Systems (GLEAM-GLiPS) ITALY
7	2	Scaling and Modelling of GHG Emissions	198		Brendan Cullen	Opportunities and timeframes to reduce net farm emissions in pasture-based dairy production systems

Theme	Session #	Session	ID	Virtual	Author	Title
7	2	Scaling and Modelling of GHG Emissions	222		Mohammad Ibrahim Khalil	HOLOS-IE Digital Platform for Carbon Footprint Assessment: A Dairy Farm Case Study IRELAND
7	2	Scaling and Modelling of GHG Emissions	244		Gonzalo Vivares	Mechanistic Modelling of 3-Nitrooxypropanol in Dairy Cattle: Mode of Action on Methanogenesis and Fermentation THE NETHERLANDS
7	2	Scaling and Modelling of GHG Emissions	263		Gérard Xavier Gbenou	HOW TO BETTER IMPROVE TIER METHODOLOGIE'S ACCURACY FOR METHANE EMISSIONS FACTOR IN SUB SAHARAN AFRICA?
7	2	Scaling and Modelling of GHG Emissions	308		Malin Olsen Wedaa	Assessing the input variables for CO2-ekv per kg FPCM in Norwegian Dairy Farming Using PLS
7	2	Scaling and Modelling of GHG Emissions	444	V	Claudia Faverin	Advancing Institutional Engagement for Sustainable Livestock Production in Pampas Region of Argentina: Challenges and Opportunities
8		Enhancing GHG inventory systems and policy integration for carbon finance and climate mitigation	35		Kassio Ricardo Lucas	Allocating enteric methane (CH4) emissions from poultry supply chains using the FAO guide
8		Enhancing GHG inventory systems and policy integration for carbon finance and climate mitigation	84		Urusha Ghimire	An estimation of Greenhouse gas emissions from livestock in Nepal
8		Enhancing GHG inventory systems and policy integration for carbon finance and climate mitigation	115		Kolawole Odubote	Inventory of Greenhouse Gas emissions for cattle in Zambia using the Tier 2 approach
8		Enhancing GHG inventory systems and policy integration for carbon finance and climate mitigation	121		Walter Svinurai	Variation and predictors of enteric methane emission factors for cattle in East and Southern Africa
8		Enhancing GHG inventory systems and policy integration for carbon finance and climate mitigation	165		Nico Perien	The Flemish Centre of Expertise for Agriculture and Climate: A multidisciplinary knowledge hub
8		Enhancing GHG inventory systems and policy integration for carbon finance and climate mitigation	211		Phyllis Ndung'u	The importance of strengthening national capacities for greenhouse gas emissions assessment in the livestock sector
8		Enhancing GHG inventory systems and policy integration for carbon finance and climate mitigation	281		Mercy Kilel	Novel online tool for locating research facilities and analyzing enteric methane data from Sub-Saharan Africa
8		Enhancing GHG inventory systems and policy integration for carbon finance and climate mitigation	289		Frances Ryan	Livestock Data Catalogue: a living systematic resource to support livestock climate action
8		Enhancing GHG inventory systems and policy integration for carbon finance and climate mitigation	301		Adam Cieślak	Estimating the Carbon Footprint of Milk Production on Polish Farms
8		Enhancing GHG inventory systems and policy integration for carbon finance and climate mitigation	338	V	Maureen Chrisye Hadiatry	Advances in Enteric Methane Emission Estimation: Greenhouse Gas Inventory Improvement in Indonesia
8		Enhancing GHG inventory systems and policy integration for carbon finance and climate mitigation	344		Elvira Sattarova	IPCC Default Enteric Emission Factor Overestimates Enteric Methane Emissions from Growing-Finishing Pigs
8		Enhancing GHG inventory systems and policy integration for carbon finance and climate mitigation	381		Xuefei Li	International Methane Emissions Observatory’s Global Engagement in Reducing Agriculture Methane Emissions
8		Enhancing GHG inventory systems and policy integration for carbon finance and climate mitigation	390		Tiago Alves Correa Carvalho da Silva	Estimations of enteric methane emissions and farm productivity for small ruminant systems in Fiji
8		Enhancing GHG inventory systems and policy integration for carbon finance and climate mitigation	421		Kiprotichk Linus Erick	Emission factors for enteric methane emissions from cattle in Taita County, Kenya
8		Enhancing GHG inventory systems and policy integration for carbon finance and climate mitigation	423		Linde Du Toit	Simulated seasonal methane emission factors for sheep in the highveld of South Africa
8		Enhancing GHG inventory systems and policy integration for carbon finance and climate mitigation	431		Jesse Kagai	Enteric Methane Emission Factors for Cattle in Rangeland Systems: A Case Study in Kenya
8		Enhancing GHG inventory systems and policy integration for carbon finance and climate mitigation	434		Jesse Kagai	Enteric methane emission factors for pastoral cattle: A case study in Ethiopia’s Yabello district
8		Enhancing GHG inventory systems and policy integration for carbon finance and climate mitigation	472		Peter Ettema	Development of a standardised, science-based method for measuring farm-level greenhouse gas emissions
9		Measuring livestock emissions – from sensors to satellites	134		Joshua Mogre	Cattle Welfare in Ghana: Linking Stress Management to Health, Productivity, and Climate Resilience
9		Measuring livestock emissions – from sensors to satellites	138		Obed Mugumya	Estimating Enteric Methane Emission Factors for Cattle in Uganda Using IPCC Tier 2 Methodology
9		Measuring livestock emissions – from sensors to satellites	159		Lisanne Koning	Quantifying enteric methane production from dairy cattle using GreenFeed in indoor and outdoor grass-based systems
9		Measuring livestock emissions – from sensors to satellites	161		Alexandre Dembicki	Real-time, online monitoring of ammonia and GHG emissions in livestock with Cavity Ring-Down Spectroscopy
9		Measuring livestock emissions – from sensors to satellites	234		Mizeck Chagunda	Use of the portable Laser Methane Detector® in livestock – 15 years on
9		Measuring livestock emissions – from sensors to satellites	255		Riccardo Bica	A Field-Deployable Device for Continuous Methane and Carbon Dioxide Emission Measurement in Cattle.
9		Measuring livestock emissions – from sensors to satellites	265		Xiaoqi Ma	Sniffers: Intake Sampling Location Significantly Influenced Observed Concentration, Between Animal Variability, and Ranking Accuracy
9		Measuring livestock emissions – from sensors to satellites	274		Charlotte Adam	Methane emissions from dairy cows: concordance between measurements from GreenFeed system and sulphur hexafluoride tracer.

Theme	Session #	Session	ID	Virtual	Author	Title
9		Measuring livestock emissions – from sensors to satellites	333	V	Angela Schwarm	Evaluating the Sniffer method for methane emission in dairy cows differing in feed efficiency
9		Measuring livestock emissions – from sensors to satellites	337		Suzanne J. Rowe	Measuring enteric methane in cattle using portable accumulation chambers
9		Measuring livestock emissions – from sensors to satellites	386		Mereoni Cavuaduadua	Implementing the SF6 technique for measuring methane from dairy cows under Fijian conditions
9		Measuring livestock emissions – from sensors to satellites	389		Vitali Andrea	Measurement of enteric greenhouse gas from buffaloes: Comparison of the GreenFeed and Sniffer system
9		Measuring livestock emissions – from sensors to satellites	430		Afsal Ayoob Khan	Analysing the Suitability of Small Animal GreenFeed Systems for Measuring Methane Emissions from Young Calves
9		Measuring livestock emissions – from sensors to satellites	449		Joseph McFadden	Validation and Reliability of Methods to Measure Enteric Methane Emissions in Dairy Cattle