

Monday 17/06/2024 17:45-18:45	Poster area 1	
Nitrogen losses		
	Titel	Name of presenter
17:47-17:50	BCC – a fast and simple tool to estimate CO ₂ eq savings of fertilizer additives	Pasda
17:50-17:53	Set-aside land as a target measure for reducing N leaching losses	Iris Vogeler
17:53-17:56	Towards zero carbon: Benchmarking the nitrous oxide emissions from coffee and cocoa plantations	Késia Silva Lourenço
17:56-17:59	Effective catch crops with minor residual effect on yield and nitrate leaching when discontinued	Uttam Kumar
17:59-18:02	A CO ₂ -Guided Approach to Estimate the Effect of Soil Management Practices on Nitrogen Mineralisation	Jean-Pierre Pellissier
18:02-18:05	Nitrogen bank strategy of fertilisation increases grain yield as well as nitrous oxide emissions	Arjun Pandey
18:05-18:08	Impact of sectoral fuel consumption and energy utilization on NO _x and N ₂ O emissions	Aysun BOŞÇA
18:08-18:11	Modelling to interpret the systems aspects affecting the efficacy of enhanced-efficiency fertilisers	Kirsten Verburg
18:11-18:14	Loss of organic nitrogen from agricultural fields and catchments	Brian Kronvang
18:14-18:17	Inefficient irrigation and fertilization as drivers of N loss: lessons from the Po Plain droughts	Edoardo Severini
18:17-18:20	Foliar fertilization on reducing nitrate leaching and nitrous oxide emissions in potato field	Jingru Yin
18:20-18:23	Impact of anaerobic digestion on water quality on livestock area	Ouarda BAZIZ
18:23-18:26	Establishment of local coastal water boards to find bottom-up solutions for RBMP 2027	Kristoffer Piil
18:26-18:29	Nitrogen fertiliser input reduction threatens soil fertility in a medium-term experiment in NW Italy	Andrea Alpignano
18:29-18:32	Use of organic fertilization to mitigate N ₂ O and NO emissions in drip-fertigated crops	Jerónimo Salinas
18:32-18:35	Responses of wheat to reduced rainfall, nitrogen fertilization and pre-crops in Switzerland	Paola Bongiovani
18:35-18:38	Actual trends in nitrate leaching potential from agriculture in Germany	Henrike Mielenz
18:38-18:41	Nitrogen balance of annual and perennial cropping systems is described by process-based models	Shaohui Zhang
18:41-18:44	Can novel slurry management techniques maintain nitrogen-related grassland soil functions?	Elisabeth Ramm

Monday 17/06/2024 17:45-18:45	Poster area 2	
Nitrogen Use Efficiency		
	Titel	Name of presenter
17:47-17:50	Improving Nitrogen Use Efficiency Through Nanoscale Non-Covalent Urea Derivatives	Ms Tessa Faulks
17:50-17:53	Is the use of inhibitors a feasible and safe measure to achieve climate goals in agriculture?	Anne Biewald
17:53-17:56	A comparison of methods for measuring greenhouse gas emissions	Morten Moller
17:56-17:59	Accurate assessment of grass nitrogen status from sensors and the critical nitrogen dilution curve	Shaohui Zhang
17:59-18:02	Nitrogen mineralisation from soils Insights from a distributed microlysimeter experiment	Claas Nendel
18:02-18:05	Maize inoculation with microbial consortia: contrasting effects on rhizosphere activities, N acquisi	Dr. Klara Bradacova
18:05-18:08	Economic Evaluation of N Use from Organic and Inorganic fertilizer on the Yield of Kenaf in Nigeria	Sikiru Ajjola
18:08-18:11	EXPECTED RESPONSE IN A QPM AFTER THREE CYCLES OF SELECTION FOR TOLERANCE TO LOW SOIL NITROGEN	OLOYEDE-KAMIYO QUDRAH O.
18:11-18:14	Enhancing the fertiliser value of digestates from biogas plants through biomass pre-treatment and op	Jared Onyango Nyang'au
18:14-18:17	Measurements of gaseous losses from organic residues as fertilizers	Bente Foereid
18:17-18:20	Fertilising the system, not just the crop: New strategies in Australian dryland cropping systems	John Kirkegaard
18:20-18:23	From terrestrial to aquatic ecosystems: cross-scale sensing for assessing agroecosystem nitrogen	Sheng Wang
18:23-18:26	Machine learning and Remote sensing experiments to determine biomass and nitrogen in winter wheat -	Komal Choudhary
18:26-18:29	Improving nitrogen use efficiency in crop production systems: is there enough nitrogen in the soils?	Gurpal S. Toor
18:29-18:32	Enhanced deep N uptake can coexist with enhanced total N supply in clover-grass leys	Marina Azzaroli Bleken
18:32-18:35	The Impact of Mn and S Soil Application on N Cycling and NUE in a Winter Wheat Lysimeter Experiment	Saoirse Sheehy Ariff
18:35-18:38	Optimized Experimental Designs for EONR Estimation: A Model Averaging Approach	Custodio Efraim Matavel
18:38-18:41	Coupling cropping system and bioeconomic optimization models to assess nitrogen circularity	Lennart Kokemohr
18:41-18:44	Optimizing circular nutrient re-use for bio-based fertilizers evaluating effectiveness of new bio-fe	Irene Gazquez

Monday 17/06/2024 17:45-18:45	Poster area 3	
	Nitrogen Use Efficiency	
	Titel	name of presenter
17:47-17:50	Changes in the root architecture of oil palm seedlings in response to nitrogen starvation	Ruiz-Romero Rodrigo
17:50-17:53	Importance of wheat variety for the interaction of mycorrhizal abundance and N transfer	Agne Versulienė
17:53-17:56	Nitrogen losses in legumes as pre-crop to winter wheat	Michael Amann
17:56-17:59	Comparing remote and proximal platforms for crop N sensing in winter wheat	Francesco Argento
17:59-18:02	Perennial grassland mixtures with clover and forbs reduce N dependency without compromising yield	Esben Øster Mortensen
18:02-18:05	Contrasting pre-crop effects on winter wheat nitrogen utilization	Insa Kühling
18:05-18:08	The study site affects the magnitude of N ₂ O emissions but not the efficacy of mitigation strategies	Reiner Ruser
18:08-18:11	Assessing nitrogen and water response in wheat genotypes combining hyperspectral and thermal sensors	Miguel Quemada
18:11-18:14	Canopy nitrogen index based on Remote sensing and machine learning	Yeying Zhou

Monday 17/06/2024 17:45-18:45	Poster area 4 (1-3)	
	N Recycling	
	Titel	Name of presenter
17:47-17:50	Drivers of N ₂ O emissions and N cycling in rye-vetch cover crop mixtures	Guillermo Guardia
17:50-17:53	Impact of liquid fraction of digestates and biochar on winter wheat yield and nitrous oxide emission	Christian Dold
17:53-17:56	An innovative Soil Mesocosm to Study Effects of Moisture & NO on Trace Gas Fluxes	Logapragasan
17:56-17:59	The role of higher molecular weight dissolved organic nitrogen in the plant-soil nitrogen cycle	Kirsten Lønne Enggrob
17:59-18:02	High importance of organic fertilizer N for grassland plant N in the years following fertilization	Jincheng Han

18:02-18:05	Reduction of mineral fertiliser use and contribution to a circular economy with RENURE	Bert Everaert
18:05-18:08	Using marine polychaetes to recycle nitrogen rich marine fish farm waste.	Alasdair O'Dell
18:08-18:11	Impacts of changes in manure management on nutrient losses in Quzhou City, China	Weikang Sun
18:11-18:14	Spatial patterns of current ammonia emissions from agriculture using a newly bottom-up method	Rong Cao
18:14-18:17	From Pee to Fertilizer using Partial Nitrification and Sequential Batch Operated Pulsed Electric Fie	T.S. van der Schaaf
18:17-18:20	Future impacts of eutrophication on global freshwater fish biodiversity	Jinhui Zhou
18:20-18:23	How realistically do Earth System Models recycle nitrogen?	Cynthia Nevison
18:23-18:26	Circular and Nature-based Solutions for Improved Nitrogen Recycling in agricultural Landscapes	Tommy Dalgaard
18:26-18:29	Potential upcycling of waste from the agrifood chain in agriculture: A nitrogen recycling perspectiv	David Fangueiro
18:29-18:32	Promoting the use of slurry and compost as organic fertilisers in a large diversity of crops	Catarina Esteves
18:32-18:35	Effects of Biochar and Hydrochar from Olive Mill Solid Wastes on Soil Fertility and Greenhouse Gas E	Beatriz Gómez Muñoz
18:35-18:38	Effects of organic and inorganic fertilizers on N ₂ O emissions in 'Gala' apple orchards	Jorge Vieira
18:38-18:41	Assessing the feasibility of using waste biorefinery in livestock farming systems	Monika Suchowska-Kisielewicz

Tuesday 18/05/2024 17:30-18:30	Poster area 1	
	Nitrogen losses	
	Titel	name of presenter
17:30-17:33	Delays in nitrogen losses to streams following implementation of measures	Jørgen Windolf
17:33-17:36	Climate change impact on hydrological and nitrogen cycling in an intensive agricultural watersheds	Wafa Malik
17:36-17:39	How does slurry application technique affect gaseous nitrogen losses?	Thade Potthoff
17:39-17:42	National estimations of annual nitrogen losses by runoff in Norway – Chances and limitations	Fischer F. K.
17:42-17:45	Riparian zones as N ₂ O and CH ₄ hotspots: Incidence of extreme weather events and vegetation	Alberto Sanz-Cobeña
17:45-17:48	Seasonal dynamics of cover crop N effect for sugar beet caused by cover crop species and environment	Heinz-Josef Koch

17:48-17:51	Dutch potato yields can be maintained with lower N inputs: great promise for lowering N surplus	Paul Ravensbergen
17:51-17:54	Policy intervention to manage synthetic N fertilizer use in India	Tapan
17:54-17:57	Protecting nature areas by taking dedicated regional measures	Roy Wichink Kruit
17:57-18:00	NITROGEN LOSS MITIGATION STRATEGIES UNDER RICE-MAIZE-MUNG BEAN CROPPING SYSTEM IN NEPAL	Prakash Ghimire
18:00-18:03	From livestock to crop production: a coherent agricultural ammonia inventory for Europe	Xinpeng Jin
18:03-18:06	Effect of DMPP-coated urea on urine patch N ₂ O emissions	David W.Rowlings
18:06-18:09	Potential for DMPP to increase pasture yields and reduce N losses in Subtropical dairy systems	David W. Rowlings
18:09-18:12	Nitrogen Budget & Footprint for Eswatini Kingdom: A Multi-decadal Country Specific Perspective.	Richard Kammayani
18:12-18:15	Stable nitrogen isotopes in agriculture	Bettina Loy
18:15-18:18	Factors influencing nitrogen derived from soil organic matter mineralisation	Octavian Chiriac
18:18-18:21	AMMONIA EMISSIONS FROM A BROILER HOUSE WITH HEAT EXCHANGER	Christoph Häni
18:21-18:24	No tillage increased NH ₃ volatilization losses in rainfed barley: results from the IHF method	Guillermo Guardia
18:24-18:27	Measures to reduce nitrate and nitrous oxide emission losses from renovated grasslands	Jordy van 't Hull

Tuesday 18/05/2024 17:30-18:30	Poster area 2	
	Nitrogen Use Efficiency	
	Titel	Name of presenter
17:30-17:33	Potential Effects of Power Line Construction on Soil Nitrogen Mineralization	Jonas Trenz
17:33-17:36	Village Level Fertilizer Management for Increasing Nitrogen Use Efficiency, Rice Yield and Household	Prof. Dr. Md. Mizanur Rahman
17:36-17:39	Long-term Effects of Residue Management on Nitrogen Use Efficiency and Crop Yields	Steffen Rothardt
17:39-17:42	Can biostimulants increase N use efficiency in tomato? Preliminary results from the Safe-H ₂ O-Farm pr	Michela Farneselli
17:42-17:45		
17:45-17:48	Perception, Practice, Policy and Research Interfaces among stakeholders on Nitrogen Use Efficiency i	Khem Raj Dahal

17:48-17:51	Nitrogen fixation in organic soyabean plants from the stable isotope perspective	Raminta Skipityte
17:51-17:54	Effect of mineral fertilizers and digestates on crop yields and N emissions in arable farming system	Linda Tendler
17:54-17:57	SmartField – Science policy practice	
17:57-18:00	Optimizing Nitrogenous Fertilizer Management for Enhanced Rice Growth and Yield in an Alfisols	Abubakar Halilu Girei
18:00-18:03	Urease and Nitrification Inhibitor technologies boosting Nitrogen Use Efficiency	Thomas Proffitt
18:03-18:06	Crop improvement for Nitrogen Use Efficiency in rice	Nandula Raghuram
18:06-18:09	Nitrogen Fertilizer Replacement Values of organic amendments: determination and prediction	Dorien Westerik
18:09-18:12	Review of whole-farm models for accurate nitrogen budgets	Fabio Delle Grazie
18:12-18:15	Revised estimation of faba bean N ₂ fixation including belowground contribution	Insa Kühling
18:15-18:18	Assessing the Response of Five Oil Palm Genotypes to Nitrogen Sources and Drought Stress	Ivan Mauricio Ayala-Diaz
18:18-18:21	Does soil sample conservation method impact on ammonium, nitrate and total mineral nitrogen measurem	Miguel Quemada
18:21-18:24		
18:24-18:27	Nitrification inhibitor-induced rhizosphere ammonia-oxidizing microbe changes related to maize NUE	Jilin Lei
18:27-18:30	Predicting the Nitrogen Content of Mediterranean Forage Crops: a Remote Sensing Approach	Pier Paolo Roggero

Tuesday 18/05/2024 17:30-18:30	Poster area 3	
	Incentives	
	Titel	Name of presenter
17:30-17:33	Impact of PET microplastics on nitrogen cycling and soil microbial activity	Eliška Kameníková
17:33-17:36	Enhancing Yield and Nitrogen Efficiency through Digital ammonia Model and Field Acidification	Morten Toft
17:36-17:39	Fertilization of vegetable cops according to EU directive in Germany	Karin Rather
17:39-17:42	SCAIL Sweden - A tool for assessing local impacts of emissions from large livestock facilities	Sofie Hellsten and/or Ågot Watne
17:42-17:45	Identifying economic optimum nitrogen rate for crops in Denmark	Julie Therese Christensen

17:45-17:48	Effect of organic manures on hybrid and open pollinated cultivars of cauliflower in Nepal	Manoj Basnet
17:48-17:51	Nature-based solutions for circular nutrient flows at regional scale	Hanna Frick
17:51-17:54	Identifying barriers for improving nutrient management at Danish farms	Randi Wiborg Hansen
17:54-17:57	Nitrogen leaching measured with suction cups in 12 maize field trials	Dennis Konnerup
17:57-18:00	Nitrogen footprint optimization in extensive grazing systems following sludge application	Kátia Carrasqueira

Tuesday 18/05/2024 17:30-18:30	Poster area 4 (part 1-2)	
	Organic Farming	
	Titel	Name of presenter
17:30-17:33	Compost used as mulch in vegetable production can lead to nitrate leaching	Margita Hefner
17:33-17:36	Green ammonia: future opportunity for moderate spring fertilisation of organic winter cereals?	Insa Kühling
17:36-17:39	Measured soil water nitrate concentration in organic and conventional vegetable production.	Maryam Dastranj
17:39-17:42	Compost with plant-based fertilizers increases plant nitrogen content and soil microbial activity	Sindhuja Shanmugam
17:42-17:45	Nitrogen flows from digestate application in an organic arable crop rotation: Potential improvement	Else Bünemann
17:45-17:48	Effect of Different Doses of Zeolite in an Organic Fertilizer on the Emission of NH ₃ and N ₂ O & Plant	Fulu Zhuang
17:48-17:51	Nitrogen flow network and energy performance in contrasted organic farms	Quentin Bellanger
17:51-17:54	Can organic vegetable production be intensified in a sustainable way?	Julietta Moustaka
17:54-17:57	Nitrogen Transfer from pea to oat – a field study	Anke Hupe
17:57-18:00	Exploring soluble organic N compounds in soil after 10 years of compost and biochar fertilization	Maria Luz Cayuela
18:00-18:03		
18:03-18:06	Effects of cover crop diversity on soil water content and N ₂ O emissions under controlled drought co	Pauliina Turunen
Tuesday 18/05/2024	Poster area 4 (part 3)	

17:30-18:30		
	Recycling	
	Titel	Name of presenter
18:09-18:12	Influence of fertilization strategies in 'Gala' apple orchard on leaf and fruit N content	Jorge Vieira
18:12-18:15	Interactions between inoculation with arbuscular mycorrhizal fungi and fertilization with different	Carmen Biel
18:15-18:18	Nitrogen fluxes in Urochloa-based pasture soils in the northwestern Amazonia	Daniel Villegas
18:18-18:21		
18:21-18:24	Microbial mechanisms of nitrous oxide reduction in diversifying crop rotations	Mingming Zong
18:24-18:27	Influences of udder and metabolic health on the milk urea content of dairy cows	Caroline Dreyer

Tuesday 18/05/2024 17:30-18:30	Poster area 5	
	Titel	Name of presenter
17:30-17:33	Incubation study on the influence of soil moisture, rain and inhibitors on ammonia emissions	Jonas Fröbl
17:33-17:36	Mitigating denitrification losses through capturing the N-budget and comparing farm management strategies	Conor Simpson
17:36-17:39	Growth and root-shoot yield of Amaranthus cruentus as influenced by urine water dilution	Dr Udemba Ibukunolu Oluwadamilola
17:39-17:42	Silicon fertilizers enhanced potato performance while reducing N ₂ O emissions during drought at field	Yvonne Musavi Madegwa
17:42-17:45	Nitrogen fertilisation and saline conditions affect the growth and sensory profile of rocket (Eruca	Thayna Mendanha
17:45-17:48	Phenotypic diversity in yield and protein content of field peas (Pisum sativum L.) varieties	Muhammad Ahsan Asghar

Friday	Poster area 1	
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21/05/2024 10:00-11:00		
	Nitrogen losses	
	Titel	Name of presenter
10:00-10:03	How wheat root development can determine denitrification rates in soils of glacial depressions in DK	Yujia Liu
10:03-10:06	N2O-emission reduction after long term application of nitrification inhibitor DMPP	Arnold Wonneberger
10:06-10:09	Denitrification product ratios - are there systematic differences between models and observations?	Mahboube Jarrah
10:09-10:12	Monitoring changes of O2 and N2O concentrations in the rhizosphere of young maize plants	Pauline Sophie Rummel
10:12-10:15	Upscaling N2O emissions from field to farm scale with ecosystem flux measurements and remote sensing	Lorenz Allemann
10:15-10:18	Exploring N2O Emission Drivers in Mixed Grass/Clover-arable Crop Rotations	Meng Kong
10:18-10:21	Do process-based models capture the effects of root traits on N losses?	Huan Liu
10:21-10:24		
10:24-10:27	Higher risk for nitrous oxide emissions from spring-seeded compared to autumn-seeded crop	Misato Toda
10:27-10:30	GHG emissions in irrigated maize-cover crop systems after long-term organic or mineral fertilization	Jordi Doltra
10:30-10:33	Quantifying Nitrogen Losses from Bio-Based Fertilisers in European Agriculture	Muhammad Adil Rashid
10:33-10:36	Residual fertiliser-N denitrification losses over summer fallow period	Lillian Hearn
10:36-10:39	Soil CO2 and N2O fluxes under wheat and barley in a conventional vs reduced tillage trial in Germany	Antonios Apostolakis
10:39-10:42	Comparing N2O emissions: fertilizer type, soils, management – an LCA comparing Daisy & IPCC norms	Panagiotis Papazoglou
10:42-10:45	Impact of land use on riverine nitrogen concentrations in the paddy-dominated Lake Hachiro watershed	Atsushi Hayakawa
10:45-10:48	The impact of long term compost application on soil N2O emissions	Peter Maenhout
10:48-10:51	Foliar nitrogen fertilization as a tool to reduce agricultural soil N2O emissions: A field study	Sander Bruun
10:51-10:54	Soil gas diffusivity as predictor of nitrous oxide emissions from intact soil	Winnie Ntinyari
10:54-10:57	Assessing Biochar N2O Mitigation Potential Across Soil Textures and Moisture Contents	Camille Nunes Leite
Friday	Poster area 2	

21/05/2024 10:00-11:00		
	Nitrogen losses	
	Titel	Name of presenter
10:00-10:03	NICCEE: Global Nitrogen Innovation Center for Clean Energy and the Environment	Luis Lassaletta
10:03-10:06	Denitrification rates measured in streams and flooded riparian areas.	Anne Hasselholt og Ditte Christiansen
10:06-10:09	Estimation of N uptake in autumn cover crops using UAV-mounted RGB camera and machine learning	René Gislum
10:09-10:12		
10:12-10:15		
10:15-10:18	Sensitivity of nitrogen losses to interannual climate variation in subtropical hybrid dairy systems	Sofia Stirling
10:18-10:21	Site-differentiated assessment and efficacy of nitrification inhibitors as a climate mitigation meas	Gunda Schulte auf'm Erley
10:21-10:24	Nitrogen leaching measured with suction cups for up to 6 years in different crop rotations	Tina Houlborg
10:24-10:27		
10:27-10:30	Measures to reduce denitrification losses after slurry fertilization in crop cultivation	Johannes Cordes
10:30-10:33	The impact of crops productivity and fertilisation on soil nitrogen cycle microbiome and gas emissio	Laura Kuusemets
10:33-10:36	Impact of over-winter sheep grazing cover crops on nitrate leaching losses from sandy textured soils	Kate Smith
10:36-10:39	Does a soil drying-rewetting cycle decrease the effectiveness of nitrification inhibitors?	Pablo Lacerda Ribeiro
10:39-10:42	Effect of reduced rainfall on N ₂ O emissions in agricultural rotations with cover crops	Silvina Portela
10:42-10:45	Mitigating Nitrogen and Carbon Emissions in Industrial Tomato Cultivation through the Integration of	Kátia Carrasqueira
10:45-10:48	Understanding how biochar properties modulate denitrification products in a calcareous soil	Maria Luz Cayuela
10:48-10:51	Co-application of biochar with synthetic fertilizers or nitrogen-fixing bacteria to reduce N losses	Maria Luz Cayuela
10:51-10:54	Mitigation measures in crop production to reduce climate-impacting emissions from denitrification	Johannes Kühne
10:54-10:57	A study of spatial patterns of soil nitrogen isotopes as proxy for nitrogen cycling and loss pathway	Maria Matthiesen
Friday 21/05/2024	Poster area 3	

10:00-11:00		
	Food	
	Titel	Name of presenter
10:00-10:03	How do diet shifts affect the greenhouse gas balance of agricultural soils? Denmark as a case study	Vasilis Michailidis
10:03-10:06	Global food intake data suggest protein is more relevant than calorie in assessing feeding capacity	Petros Chatzimpiros
10:06-10:09	Potential impacts of net-zero land use measures on agricultural ammonia emissions and reactive N	Elizabeth Ramos Fonseca
10:09-10:12	Evaluating decision making systems for N fertilizer applications under a variable climate	James Hunt
10:12-10:15	Agricultural trade and the trajectories of countries in the safe and just operating space of nitrogen	Luis Lassaletta
10:15-10:18	Nitrogen Challenges and Perspectives from India - Air Pollution and Agri-food Systems	Saumya Srivastava
10:18-10:21		
	Communication	
10:30-10:33	Challenge of nitrogen communications with multi-stakeholders	Kentaro Hayashi
10:33-10:36	Developing a hands-on experience package on food and the environment from a nitrogen perspective	Makoto Saiki
10:36-10:39	Eat without leaving a nitrogen footprint	claudia marques-dos-santos

Friday 21/05/2024 10:00-11:00		
	Poster area 4 (1-2)	
	Livestock	
	Titel	Name of presenter
10:00-10:03	Minerals substrates increase the risk of nitrate leaching in hen yards	Frauke Deerberg
10:03-10:06	Doing GOOD: defining a green operational outcomes domain for nitrogen use in NY corn silage production	Agustin Jose Olivo
10:06-10:09	Assessing nitrogen cycling on dairy farms in the Netherlands: trade-offs and synergies	Marloes van Loon
10:09-10:12	Coupling a cropping system model and a manure redistribution optimisation tool: a case study	Gabbrielli Mara

10:12-10:15	Exploring landscape sustainability of an alternative beef production system	Mette Odgaard
10:15-10:18	Biomass yield and nutrient removal from outdoor pig systems when harvesting willow and poplar	Søren Ugilt Larsen
10:18-10:21	Plant cover influences reactive nitrogen emissions after slurry application	Silvina Portela
10:21-10:24	Nitrogen intensity and its relationship with management, greenhouse gas emissions and land use	Kristian Nikolai Jæger Hansen
10:24-10:27	Circular economy approaches help identify levers to optimize nitrogen use in Polish mixed dairy farm	Anna Rychta
10:27-10:30	AMMONIA AND METHANE EMISSIONS FROM A SWISS DAIRY FARM	Christoph Häni

Friday 21/05/2024 10:00-11:00	Poster area 4 (3)	
	Nitrogen losses	
	Titel	Name of presenter
10:33-10:36	AMMONIA EMISSION MEASUREMENTS FROM A SLURRY TANK WITH AND WITHOUT A SEMI-FLOATING COVER	Thomas Kupper
10:36-10:39	The indigenous abiotic and biotic factors both determine the efficiency of nitrification inhibitors	Tikun Guan
10:39-10:42	Slurry sanitization by pH modification: impact on ammonia emissions after soil application	David Fanguero
10:42-10:45	Uncertainty in estimating N losses due to Incomplete Data, Interpolation, and Water Flux Estimation	Iris Vogeler
10:45-10:48	How does erosion status affect soil N dynamics and gaseous N losses?	Caroline Buchen-Tschiskale
10:48-10:51		
10:51-10:54	NO and NO2 emissions from Dutch agricultural soils: pathways and measurement methods	Jurrian van Waaij
10:54-10:57	Nitrification inhibitors - a tool to reduce N ₂ O-N emissions in winter wheat?	Finck

Friday 21/05/2024	Digital Poster Presentation in Room 3	
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10:00-11:00		
	Titel	Name of presenter
10:00-10:03	SE 1 - Nodulation tolerance to ammonium in the model plant <i>Medicago truncatula</i> with 2 <i>Sinorhizobium</i> strains	Ana Rita Seabra
10:03-10:06	SE 1 - TerraZo - free application map creation and deployment based on field trials	Stefan Geyer
10:06-10:09	SE 2 - The Nitrogen Budget and Footprint Trend for Agro-Products in Malawi	Richard Chisale Kammayani
10:09-10:12	SE 4 - Water-nitrogen nexus for nitrogen-splitting in alternate wetting and drying rice; consequences for d	Hafeez ur Rehman
10:12-10:15	SE 5 - Does field irrigation fail to ensure food production? Review from hydrologic-human perspective	Kiril Manevski
10:15-10:18	SE 6 - Evaluation of Nitrification-Denitrification treated liquid manure as irrigation water for crops	Maria del Pino Pérez
10:18-10:21	Potential for microbial nitrogen-cycling in biochar, fertilizer and manure amended soils:	Daniel Basalirwa
10:21-10:24	Regional biophysical impacts of land use and land cover change over West Africa: A systematic review	Abdel Nassirou Yahaya Seydou
10:24-10:27	National tool for estimating transport and reduction of nitrogen from agriculture	Anker Lajer Højberg
10:27-10:30	Microalgal biostimulant to improve nitrogen uptake in lettuce (<i>Lactuca sativa</i> L.)	Annamaria Di Serio
10:30-10:33	Green manure in vegetable crop rotation reduces the need of mineral N fertilization	Terhi Suojala-Ahlfors