

Meeting the future demands for grassland production

28th General Meeting of the European Grassland Federation
Virtual conference 19-21 October 2020
Location: University of Helsinki, via Zoom sessions



Monday 19.10.2020	9:00-11:00 (CET) 10:00-12:00 (Finnish time) Chairpersons Marketta Rinne and Perttu Virkajärvi Zoom link:	
	9:00-10:00 (CET) (10:00-11:00) Opening the conference: Seppänen Mervi, EGF president Rinne Marketta, Secretary General, Luke Finland Lepistö Jari, Minister of Agriculture and Forestry, Finland Touvenen Riina, Dean Faculty of Agriculture and Forestry, University of Helsinki, Finland Kotusen, Teija, EYP Farming Solutions, Yara International A.S.A.	
	10:00-10:30 (CET) (11:00-11:30) Keynote speaker Theme 1: Crop physiology, breeding and nutrient utilisation Rognli O.A., Pecetti L., Kivi M.R. and Annicchiarico P. Department of Plant Sciences, Norwegian University of Life Sciences, Norway <i>What European grassland farming will need from grass and legume breeding in the near future</i>	
	10:30-11:00 (CET) (11:30-12:00) Keynote speaker -Theme 4: Novel technologies in farm management Honkavaara E., Näsi R., Oliveira R.A., Niemeläinen O., Viljanen N., Hakala T. and Kalvosaaja J. Finnish Geospatial Research Institute in National Land Survey of Finland <i>Precision agriculture in practice – utilisation of novel remote sensing technologies in grass silage production</i>	

Break 15 min - Select parallel session of your interest and enter the meeting room by using Zoom-link.

Monday 19.10.2020	11:15-12:45 (CET) 12:15-13:45 (Finnish time) Chairperson Perttu Virkajärvi Zoom link:	Poster session Chairperson Panu Korhonen
	Theme 1 - Crop physiology, plant breeding and nutrient utilisation	Theme 3: Grasslands and environment
	11:15-11:30 (CET) (12:15-12:30) Marek J., Zhou Z., Gustavsson A.M. and Parsons D. Department of Agricultural Research for Northern Sweden, Swedish University of Agricultural Sciences, Sweden <i>Estimation of the botanical composition of leys using field spectroscopy and chemometric models</i>	Meet poster presenters in Zoom. Link to Zoom:
	11:30-11:45 (CET) (12:30-12:45) Nölke I., Torn B. and Iselstein J. Division of Grassland Science/Department of Crop Sciences, University of Göttingen, Germany <i>Morphological plasticity of white clover grown in pure and mixed stands</i>	View posters in a Blog
	Break 15 min	
	12:00-12:15 (CET) (13:00-13:15) Paczkoewski A., Iselstein J. and Hartmann S. Bavarian State Research Center for Agric. (LIL), Institute Crop Sci and Plant Breeding, Univ. of Göttinge, Germany <i>Prediction of herbage mass in pure stands of lucerne and red clover using a plate meter</i>	
	12:15-12:30 (CET) (13:15-13:30) Duchini P.G., Guzali G.C., Americo L.F., Echeverria J.R. and Strissia A.F. Santa Catarina State University (UFSCAR), Brazil <i>Morphology and functional traits of contrasting growth strategies of forage grass species growing in pure stand or intercropped</i>	
	12:30-12:45 (CET) (13:30-13:45) Becker T., Iselstein J. and Kayser M. Georg-August University Göttingen, Department of Crop Sciences, Germany <i>Fight it or fit it: Helius varians on pea and</i>	

Monday 19.10.2020	11:15-12:45 (CET) 12:15-13:45 (Finnish time) Chairperson Arja Mustonen Zoom link:	
	Theme 4 - Novel technologies in farm management	
	11:15-11:30 (CET) (12:15-12:30) Marwaha R., Cawkwell F., Hennessy D. and Green S. Department of Geography, University College Cork, Agrifood Business and Spatial Analysis Teagasc, Ireland <i>Machine learning forecasting model for grass yield estimation in leaard</i>	
	11:30-11:45 (CET) (12:30-12:45) Haltgrave A., Ackermann A., Röder N. and Kleinschmidt B. Institute of Rural Studies, Thünen Institute, Germany <i>Towards a dual-polarisation radar vegetation index for Sentinel-1 for grassland monitoring</i>	
	Break 15 min	
	12:00-12:15 (CET) (13:00-13:15) Wijesingha J.S.J., Schulze-Birninghoff D., Wengert M., Astor T. and Wachendorf M. Grassland Science and Renewable Resources, Universität Kassel, Germany <i>Grassland forage quality and quantity estimation with UAVborne imaging spectroscopy</i>	
	12:15-12:30 (CET) (13:15-13:30) Klinger A., Schaumberger A., Vuolo F. and Pötsch E.M. Institute of Plant Production and Cultural Landscape, Agric. Research and Education, Raumberg-Gumpenstein, Austria <i>Sustainability of non-destructive yield and quality measurements on permanent grassland</i>	
	12:30-12:45 (CET) (13:30-13:45) Huson K.M., Soley G., Barr S. and McConnell D.A. Agri-Food and Biosciences Institute, United Kingdom <i>Evaluation of remote-sensing and labour-saving technologies to measure pasture biomass</i>	

Lunch break

Monday 19.10.2020	14:00-16:00 (CET) 15:00-16:00 (Finnish time) Chairperson Perttu Virkajärvi Zoom link:	No open poster sessions in Zoom. Poster viewing in blogs, links available in poster sessions
	Keynote speaker Theme 3: Grasslands and environment	
	14:00-14:30 (CET) (15:00-15:30) Poellau C. Thünen Institute of Climate-Smart Agriculture, Germany <i>Grassland soil organic carbon stocks as affected by management affected by management intensity and climate change</i>	
	Keynote speaker Theme 2: Grasses in animal nutrition	
	14:30-15:00 (CET) (15:30-16:00) Eugène M., Klump K. and Savouri D. INRAE - VetAgroSup UMR 1213 Unité Mixte de Recherche sur les Herbivores, France <i>Methane mitigating options with forages fed to ruminants</i>	

Break 15 min - Select parallel session of your interest and enter the meeting room by using Zoom-link.

Monday 19.10.2020	16:15-17:00 (CET) 16:15-18:00 (Finnish time) Chairperson Panu Korhonen Zoom link:	Poster session Chairperson Arja Mustonen
	Theme 3 - Grassland and environment	Theme 4: Novel technologies in farm management
	16:15-16:30 (CET) (17:15-17:30) Fitzpatrick E., O'Donovan M., Condon T., Gilliland T.J. and Hennessy D. Teagasc, Ireland; Institute for Global Food Security, Queen's University Belfast, N.Ireland <i>A comparison of dairy cow methane losses from grazed and confined diets</i>	Meet poster presenters in Zoom. Link to Zoom:
	16:30-16:45 (CET) (17:30-17:45) Kulmala L., Lohila A., Heimsch L., Vekuri H., Neveläinen J., Fer L., Viskari T., Vira J., Joki-Tokola E., Liimatainen M., Aallo T., Laurila T., Liiski J., Joki-Tokola E., Liimatainen M., Aallo T., Laurila T., Liiski J. Finnish Meteorol. Institute, Univ. of Helsinki, Finland <i>The CO₂ exchange dynamics and carbon sequestration on two contrasting grasslands in Finland</i>	View posters in a Blog
	Break 15 min	
	16:00-16:15 (CET) (17:00-17:15) Loges R., Mues S., Klüß C., Mallich C., Loza C., Poyda A., Reinsh T. and Taube F. Group of Grass and Forage Science/Organic Agriculture, Kiel University, Kiel, Germany <i>Dairy cows back to arable regions? Grazing leys for eco-efficient milk production systems</i>	
	16:15-16:30 (CET) (17:15-17:30) Shurte I., Baccena T.G., Mori C., Østvad S. and Røley H. Norwegian Institute of Bioeconomy Research (BIØ), Norway <i>Carbon storage in long- and short-term grasslands in Norway</i>	
	16:30-16:45 (CET) (17:30-17:45) Lynch J., Järvenranta K. and Pierrehumbert R. Atmospheric Oceanic and Planetary Physics, University of Oxford, United Kingdom <i>Using crop™ (an innovative application of the Global Warming Potential) to report temporal trade-offs in greenhouse gas footprints of alternative Finnish cattle diets</i>	

Monday 19.10.2020	16:15-17:00 (CET) 16:15- 18:00 (Finnish time), Chairperson Laura Nyholm Zoom link:	
	Theme 2 - Grasses in animal nutrition	
	16:15-16:30 (CET) (17:15-17:30) Alvarez C., Weisberg M.R., Nielsen N.L., Prestalækken E. and Valden H. Department of Animal and Aquacultural Sciences, NMBU, Ås, Norway. <i>Effect of digestibility of silage and concentrate intake on milk yield: a meta-analysis</i>	
	16:30-16:45 (CET) (17:30-17:45) Sousa D.O., Murphy M., Hatfield R. and Nadeau E. Swedish University of Agricultural Sciences, Department of Animal Environment and Health, Sweden <i>Effect of early or very early harvest date of fall forage and timothy on performance of dairy cows</i>	
	Break	
	16:00-16:15 (CET) (17:00-17:15) Deroche B., Salis L., Le Morvan A., Bernard M., Wyses U., Aoun M. and Baumont R. Université Clermont Auvergne, INRAE, VetAgro Sup, UMRI Herbivores, France <i>In vivo orss digestibility prediction from biochemical criteria and the sum of temperature at cutting</i>	
	16:15-16:30 (CET) (17:15-17:30) Hart E.H., Christofides S., Rogers H., Creevey C., Müller C. and Kingston-Smith A.H. BIERS, Aberystwyth University, United Kingdom <i>Future forages: differential effect of climate change scenarios on forage orsses for ruminant production</i>	
	16:30-16:45 (CET) (17:30-17:45) Johansen M., Jellüka L., Klugaard G. and Weisberg M.R. Department of Animal Science, AU Foulum, Aarhus University, Denmark <i>Concentration of phytoestrogens in red clover is affected by variety and season</i>	

Monday 19.10.2020	18:00-19:00 (CET) 18:00- 19:00 (Finnish time), The Executive Committee meeting, Chairperson Mervi Seppänen Zoom link:	
----------------------	--	--