14:45 – 16:00	**Parallel sessions 27/11/2019**			
Session A.4 **Environmental impact of manure/ digestate management and treatment** Chair: Leenknegt J., INAGRO, BE	**Session A.1** **Fertilising with manure, digestate and derived products** Chair: Vandecasteele B., ILVO, BE	**Session A.2** **Product innovations and new markets for manure & digestate** Chair: Schoumans O., WUR, NL	**Session A.3** **Process innovations in manure & digestate treatment** Chair: Daumer M.-L., IRSTEA, FR	**Workshop A.W1** **Belgian Biogas Week** **Language:** Dutch/French
Pacioli (250)	Le Corbu/Montessori (63)	Ehrlich (40)	Pierre Cox (40)	Blackbox (70)
A historical overview : the impact of European Legislation on closing the CNP loops Baert R., United Experts, BE	**Biobased fertiliser from co-digested pig slurry.** Ehlert P., WUR, NL	**From 'manure disposal' to 'fertilising products': company success stories today and the new CE-Mark market tomorrow** Hermann L., ESPP, BE	**Manure treatment: a holistic approach and a comparison of different treatment methodologies** Frank D., Isle Utilities, DE	*More information available at room Blackbox*
Comparison of bedding materials in dairy farms: Effect on animal welfare, composting potential and polluting emissions Riau Arenas V., IRTA, ES	**Agriclose – towards local crop fertilization.** Tugues Tarragona J., DARP, ES	**Exploring the demand for recycling-derived fertilisers in Northwest Europe** Harms I., NMI, NL	**Full scale production of mineral concentrate and ammonium sulphate as nitrogen biobased fertilizers: mass and energy balances** Brienza C., Ghent University, BE	
Effect of pig slurry hygienization on the potential leaching of nutrients and pathogens Fangueiro D., Lisbon University, PT	**Acidified animal manure or digestate combined with a nitrification inhibitor can serve as starter P fertilizer during early maize growth.** Stoumann Jensen L., Copenhagen University, DK	**Closing the nutrient cycle: what are the properties required by farmers, to encourage the use of recycling-derived fertilisers in Northwest Europe?** Verleden I., Inagro, BE	**Developing a novel treatment train for nutrient recovery from digestate combining ammonia recovery and membrane bioreactors** Cormier N., Laval University, CA	
NIRS application as a screening tool for heat treatment of manure Derikx P., WUR, NL	**Is row fertilisation the solution to minimise nitrogen losses?** D'Haene K., ILVO, BE	**District model for manure processing and management in LIFE DOP project. Economic and environmental outcomes** D'imporzano G., Milan University, IT	**Cattle and pig slurry: adding value to exploit the methane potential of agro-industrial byproducts, a case with hydrodynamic cavitation pretreatment** Piccinini S., CRPA, IT	

16:15 – 17:30	**Parallel Sessions 27/11/2019**			
Workshop B.W2 **R&D Impact: moving from innovation to capitalization** Chair: Meers E., Ghent University, BE	**Session B.4.1** **Environmental impact of manure/ digestate management and treatment** Chair: Piccinini S., CRPA, IT	**Session B.4.2** **Environmental impact of manure/ digestate management and treatment** Chair: Hermann L., Proman, AT	**Session B.3** **Process innovations in manure & digestate treatment** Chair: Bonmati A., IRTA, ES	**Workshop B.W1** **Belgian Biogas Week:** **Language:** Dutch/French
Pacioli (250)	Le Corbu/Montessori (63)	Ehrlich (40)	Pierre Cox (40)	Blackbox (70)
• **Clustering EU projects towards joint output & communication** Michels E., Ghent University / Biorefine Cluster Europe, BE • **Developing a research strategy for an integrated and sustainable management of nutrients** Eskusson A., European Commission, EU • **LCA as guidance for selecting environmentally optimal options and scenario's towards nutrient & carbon cycling** Stoumann Jensen L., Copenhagen University, DK • **Stimulating market uptake of biobased fertilisers by investing in demonstration and outreach – lessons from the SYSTEMIC project** Schoumans O., WUR, NL • **Closing nutrient & carbon loops – comparison on investigated innovations between CIRCULAR AGRONOMICS and NUTRI2CYCLE projects** Riau Arenas V., IRTA, ES	**Manure processing as a measure to dismantle regional nutrient surpluses, case Finland** Tampio E., NRIF, FI	**Shifting towards more phosphorus-based manure management in the EU: the case for the mono-gastrics, pigs and poultry** Rosemarin A., SEI, SE	**Towards a knowledge-driven agriculture in Europe: an overview of ready-for-practice technologies and products for nitrogen and phosphorus recovery** Luo H., Ghent University, BE	*More information available at room Blackbox*
	Is solid-liquid separation of manure perceived as useful by Chinese livestock farmers? Meixiu Tan, WUR, NL	**Comparative life cycle assessment of bio-acidification and sulphur-based acidification of animal manure under Danish conditions** Beyers M., Copenhagen University, DK	**Ammonia emissions, from a problem to a fertilizer resource** Moscatelli G., CRPA, IT	
	Environmental accounting of manure fertilization: case study of circular maize and catch crop feed scenarios Montemeyer E., IRTA, ES	**Life cycle assessment of new manure processing practices for fur manure in Finland – environmental impacts of pyrolysis and biogas treatment** Johansson A., CYKE, FI	**Phosphate removal and recovery from industrial waste streams using novel nano-enhanced adsorptive media** Cormier N., Laval University, CA	
	Environmental impact assessment of pig manure management and its subsequent use as bio-based fertilizer in Flanders Ravi R., Ghent University, BE	**Ammonia emissions and NUE in extensive crops fertilised with the liquid fraction of pig slurry and digestate in Mediterranean conditions.** Herrero Mallén E., CITA, ES	**Recovery of ammonia from livestock effluents using gas-permeable membranes: a pilot scale study** Molinuevo-Salces B., Itacyl, ES	

14:30 – 15:45	Parallel sessions 28/11/2019			
Workshop C.W1 **Impact of agrofood concerns on the transition of manure processing** Chair: Tavernier P., VCM, BE	**SESSION C.2** **Product innovations and new markets for manure & digestate** Chair: Oenema O., WUR, NL	**SESSION C.3** **Process innovations in manure & digestate treatment** Chair: Riau Arenas V., IRTA, ES	**SESSION C.4** **Environmental impact of manure/ digestate management and treatment** Chair: Stoumann Jensen L., Copenhagen University, DK	**Workshop C.W2** **Ivan Tolpe Prijs – Award for innovation in manure processing** Chair: Meers E., Ghent University, BE
Pacioli (250)	**Le Corbu/Montessori (63)**	**Ehrlich (40)**	**Pierre Cox (40)**	**Blackbox (70)**
	Business Case Evaluation and Impact of Nutrient Recovery at SYSTEMIC Demonstration and Selected Outreach Plants Hermann L., Proman, AT	**Influence of different flow rates in the improvement of NH3 capture by e-PTFE membrane systems** Soto Herranz M., ETSIA, ES	**How important are GHG emissions from organic fertilizers? A comparison with inorganic fertilizers and best practices** Cormier N., Laval University, CA	• **Background and overview of innovations at the Ivan Tolpe site** Meers E., UGent, BE • **NPirriK-project by Arbio (BE): seizin the opportunity to create fertilizer pellets with higher N/P-content** Boogaerts C., VLACO, BE • **Total nitrogen reduction in agricultural wastewater by passive aeriation** Hubner H., WFI, ISR • **Manure as ingredient of animal feed** Willem Eslinga H., Elsinga, NL • **Bioecosim** Egner S., Fraunhofer, DE
	Economically solutions of Dutch pig and dairy manure surpluses Luesink H., WUR, NL	**How ammonia recovery allows manure digestion to substitute expensive co-substrates by chicken manure and improves economical business case** Wolbrink T., Nijhuis Industries, NL	**Evaluation of the environmental emissions from field application of raw and treated manure products using Daisy simulation** Duan Y., Copenhagen University, DK	
	Impact and development of legislation on transnational market development and marketability of manure derived fertiliser products Van Schöll L., NMI, NL	**Phosphorus recovery from the liquid fraction of digestates by struvite crystallization** Pepè Sciarria T., Milan University, IT	**Improved manure data for increased efficiency in manure use** Laakso J., NRIF, FI	
	The challenges and opportunities of getting digestate to market in sparsely populated areas: a case study of Quebec Cormier N., Laval University, CA	**RePeat: A novel technology to separate co-digested manure into a phosphorus fertiliser and a soil improver** Regelink I., WUR, NL	**Carbon footprint of an innovative treatment system for digestate fertigation** Moscatelli G., CRPA, IT	