

Theatre and social programme

Monday 7 August

9.00-16.00	Satellite meeting: From beak to tail. Venue: PH Living Room at Aarhus University
15.00-17.00	Registration at Aarhus University. Venue: Main Hall
17.00-19.00	Welcome reception at Aarhus University. Venue: Main Hall

Tuesday 8 August

9.00	Opening Ceremony at Aarhus Music Hall. Venue: Rhythmic Hall	
9.30	Wood Gush Memorial PLENARY: Peter Teglberg Madsen: Echolocating whales as models for studying how information flow governs behaviour. Venue: Aarhus Music Hall, Rhythmic Hall	
10.15	Break (placing of posters)	
	Session 1a at Small Hall: The world of animals: senses and perception	Session 1b at Rhythmic Hall: Free papers
11.30	Keynote: The role of olfaction in relation to stress and fear. <i>Vincent Bombail</i>	Keynote: Literature review on priority welfare issues of commercially raised bison in North America. <i>Fiona C. Rioja-Lang</i>
12.00	Olfactory enrichment for cattle? Development of tests for determining olfactory investigation of complex odours in cattle. <i>Maria Vilain Rørvang</i>	Associations between measures of rising and lying down behaviour in dairy cows. <i>Nina Dam Otten</i>
12.15	Do dogs see the Ponzo illusion? <i>Sarah-Elizabeth Byosiere</i>	Feedlot cattle are motivated to obtain roughage and show contrafreeloading. <i>Jennifer Van Os</i>
12.30	Lunch	
	Session 2a at Small Hall: The world of animals: senses and perception	Session 2b at Rhythmic Hall: Human-animal interactions
13.30	Keynote: Taking into account different sensory abilities of animals in their housing and management. <i>Birte L. Nielsen</i>	Dogs, humans and genes: evidence for mutualistic symbiosis? <i>Per Jensen</i>
13.45		Empathy towards non-human animals and the oxytocin receptor: Is it all in the G:G-genes? <i>Melanie Connor</i>
14.00	The impact of ultraviolet wavelength on broiler chicken welfare indicators. <i>Charlotte James</i>	Rat tickling: a systematic review of methods, outcomes and moderators. <i>Megan R. Lafollette</i>
14.15	How incline angle affects the preparatory step prior to climbing a ramp in domestic fowl? <i>Chantal Leblanc</i>	Cattle handling by untrained stockpeople gets worse along a vaccination work day. <i>Maria Camilla Ceballos</i>
14.30	Do mink mothers recognise their kits' vocalisations? <i>Jens Malmkvist</i>	The behavioural and physiological responses of horses to routine handling. <i>Jenna Kiddie</i>
14.45	Acoustic parameters of house mouse (<i>Mus musculus</i>) ultrasound vocalisations in maternal behavior. <i>Aleksandra Lupanova</i>	Correlation between methods of temperament evaluation on confined Angus x Nellore crossbreed steers. <i>Carolina Cardoso Nagib Nascimento</i>
15.00	Break with posters	
16.00	ISAE AGM	
17.30	Reception at the Town Hall of Aarhus (1 h)	

Wednesday 9 August

9.00	PLENARY: Mike Appleby: Understanding human and other animal behaviour: ethology, welfare and food policy. Venue: Aarhus Music Hall, Rhythmic Hall	
	Session 3a at Small Hall: Applying ethology in the keeping of animals	Session 3b at Rhythmic Hall: Free papers
9.30	The welfare of working dogs in cars. <i>Lena M. Skånberg</i>	The limits of animal welfare concepts. <i>Jes Harfeld</i>
9.45	Do cull dairy cows become lame from being transported? <i>Kirstin Dahl-Pedersen</i>	Behaviour and brain gene expression of environmentally enriched pigs. <i>Sarah Mills Brown</i>
10.00	The effect of overstocking different resources within a freestall pen on the behaviour of lactating Holstein cows. <i>Clay Kesterson</i>	Can body nosing in early-weaned piglets be prevented by artificial sucking and nosing devices? <i>Roland Weber</i>
10.15	Dairy cattle preference for lying surfaces. <i>Karin Schütz</i>	Multiple enriched cages increase silver fox cubs' confidence and reduce stereotypic head twirls. <i>Anne Lene Hovland</i>
10.30	Break with posters	
	Session 4a at Small Hall: Applying ethology in the keeping of animals	Session 4b at Rhythmic Hall: Animal stress responses
11.30	Effects of genetic background and selection for egg production on food motivation in laying hens. <i>Anissa Dudde</i>	Who's stressed? Nonlinear measures of heart rate variability may provide new clues for evaluating the swine stress response. <i>Christopher J. Byrd</i>
11.45	On-farm techniques used to minimize aggression in pigs by US pork producers. <i>Sarah H. Ison</i>	Effect of space allowance and simulated sea transport motion on the behaviour and heart rate of sheep. <i>Grisel Navarro</i>
12.00	If you give the pig a choice: suckling piglets eat more from a diverse diet. <i>Anouschka Middelkoop</i>	Effects of acute lying and sleep deprivation on behaviour and milk production of lactating Holstein dairy cows. <i>Jessie A. Kull</i>
12.15	Impact of straw particle size and reticulorumen health on the feed sorting behaviour of early lactation dairy cows. <i>Rachael Coon</i>	Can faecal cortisol metabolites be used as an iceberg indicator in the on-farm welfare assessment system WelFur-Mink? <i>Anna F. Marsbøll</i>
12.30	Lunch	
	Session 5a at Small Hall: Animal learning and cognition	Session 5b at Rhythmic Hall: Animal stress responses
13.30	Keynote: From Pavlov to Bekhterev – and the pros and cons of positive and negative reinforcement. <i>Janne Winther Christensen</i>	Keynote: The effect of a low dose of lipopolysaccharide (LPS) on physiology and behaviour of individually housed pigs. <i>Janicke Nordgreen</i>
14.00	Development of an ethical virtual fencing system for sheep. <i>Danila Marini</i>	Effects of embryonic norepinephrine on juvenile and mature quail behaviors. <i>Jasmine Mengers</i>
14.15	Motor self-regulation by goats (<i>Capra aegagrus hircus</i>) in a detour-reaching task. <i>Jan Langbein</i>	The influence of social stress on three selected lines of laying hens. <i>Patrick Birkel</i>
14.30	Cylinder size affects cat performance in the motor self-regulation task. <i>Katarzyna Bobrowicz</i>	Feather pecking: is it in the way hens cope with stress? <i>Jerine A. J. Van Der Eijk</i>
14.45	Factors affecting dairy calves' abilities to learn to use colour cues to locate a source of milk. <i>Alison Vaughan</i>	Do feather peckers, victims and control hens differ in symmetry of bilateral traits, body weight and comb size? <i>Fernanda M. Tahamtani</i>
15.00	Break with posters	

	Session 6a at Small Hall: Animal learning and cognition	Session 6b at Rhythmic Hall: Animal stress responses
16.00	Goats prefer happy human faces. <i>Christian Nawroth</i>	Investigation of response to the novel object test in pigs in relation to tail biting phenotypes. <i>Jen-Yun Chou</i>
16.15	Curiosity in zebrafish. <i>Becca Franks</i>	Effects of elevated platforms on fearfulness in fast-growing broilers. <i>Ida J. Pedersen</i>
16.30	Light during incubation and noise around hatching affect cognitive bias in laying hens. <i>Bas T. Rodenburg</i>	Meloxicam and temperament effects on pain sensitivity and inflammatory response in surgical or rubber ring castrated calves. <i>Désirée Soares</i>
16.45	Facial expressions of emotion influence sheep learning in a visual discrimination task. <i>Lucille Bellegarde</i>	Cat responses to handling: Assessment of scruffing, clips, and full body restraint. <i>Carly Moody</i>
18.30	Conference dinner. Venue: Turbine Halls, Aarhus	

Thursday 10 August

9.00	PLENARY: Jean-Loup Rault: Positive social behaviour: Inside out. Venue: Aarhus Music Hall, Rhythmic Hall	
	Session 7a at Small Hall: Social behaviour of animals	Session 7b at Rhythmic Hall: Applying ethology in the keeping of animals
9.45	Artificial intelligence algorithms as modern tool for behavioural analysis in dairy cows. <i>Håkan Ardö</i>	Lowered tail can predict a tail biting outbreak in grower pigs. <i>Helle Pelant Lahrman</i>
10.00	Best friends forever, new approach to automatic registration of changes in social networking in dairy cows. <i>Per Peetz Nielsen</i>	Good mouse housekeeping: differential use of space by <i>Mus musculus</i> . I. <i>Joanna Makowska</i>
10.15	Phenolab: ultra-wide band tracking shows feather pecking hens spent less time in close proximity compared to controls. <i>Elske N. De Haas</i>	Housing laboratory mice from the mouse's point of view. <i>Elin M. Weber</i>
10.30	Break with posters	
	Session 8a at Small Hall: Social behaviour of animals	Session 8b at Rhythmic Hall: Applying ethology in the keeping of animals
11.30	Floor feeding over multiple drops does not increase feeding opportunities for submissive sows. <i>Natalia Zegarra</i>	Welfare relevance of floor area for single-housed female mink (<i>Neovison vison</i>). <i>Maria Diez-León</i>
11.45	The effect of socialization before weaning on social behaviour and performance in piglets (<i>Sus scrofa</i>) at a commercial farm. <i>Laura Salazar</i>	Differential effects of enrichment on the subtypes of stereotypic behaviour in mink. <i>Andrea Polanco</i>
12.00	Socialisation, play behaviour, and the development of aggression in domestic pigs (<i>Sus scrofa</i>). <i>Jennifer Weller</i>	Assessment of vegetation features and welfare indicators of cattle grazing systems in the tropics of Mexico. <i>Karen Mancera</i>
12.15	Intensity of aggression in pigs depends on their age and experience at testing. <i>Irene Camerlink</i>	Cooling cows with soakers: effects of flow rate and spray frequency on behaviour and physiology. <i>Grazyne Tresoldi</i>
12.30	Lunch	

	Session 9a at Small Hall: Animal affective states	Session 9b at Rhythmic Hall: Maternal and neonatal behaviour
13.30	Keynote: What can facial expression reveal about animal welfare? Supporting evidence and potential pitfalls. <i>Kris Descovich</i>	Keynote: The affective dyad: the role of maternal behaviour in positive affective states of mother and young. <i>Cathy M. Dwyer</i>
14.00	Do dogs smile when happy? An objective and comparative study of dog and human facial actions in response to emotional trigger. <i>Catia Correia-Caeiro</i>	Dairy cows and heifers prefer to calve in a bedded pack barn or natural forage compared to open pasture. <i>Erika M. Edwards</i>
14.15	Facial expression of harbour seal pups (<i>Phoca vitulina</i>) in response to painful stimuli. <i>Amelia Mari Macrae</i>	Factors affecting maternal protective behavior in Nellore cows. <i>Franciely Costa</i>
14.30	The startle response as a measure of fear in dairy calves. Sarah J. J. Adcock	Preference for mother does not last long after weaning in lambs. <i>Rodolfo Ungerfeld</i>
14.45	Pre-weaning environment affects pigs' emotional reactivity. <i>Oceane Schmitt</i>	Behavioral responses of dairy calves to separation: the effect of nutritional dependency on the dam. <i>Julie Føske Johnsen</i>
15.00	Break with posters	
	Session 10a at Small Hall: Animal affective states	Session 10b at Rhythmic Hall: Maternal and neonatal behaviour
16.00	Lying around with nothing to do: boredom in farmed mink. <i>Rebecca K. Meagher</i>	Does farrowing duration affect maternal behaviour of outdoor kept sows? <i>Cecilie Kobek Thorsen</i>
16.15	Can minor, easily applied alterations of routines during the rearing period reduce fearfulness in adult laying hens? <i>Margrethe Brantsæter</i>	Does dietary tryptophan around farrowing affect sow behavior and piglet mortality? <i>Jeremy N. Marchant-Forde</i>
16.30	Assessing anxious states in sheep: a more practical attention bias test. <i>Jessica Monk</i>	Relationships between sow conformation, accelerometer data and crushing events in commercial piglet production. <i>Stephanie M. Matheson</i>
16.45	Long-term pain sensitivity in dairy calves disbudded at 3 vs 35 days of age. <i>Cassandra Tucker</i>	Effects of litter size on maternal investment and neonatal competition in pigs with different genetic selection pressures. <i>Marko Ocepek</i>
17.30	Farewell Reception. Venue: Aarhus Music Hall	