

Tuesday 6th February	
Keynote lecture (Chair: Inger Lise Andersen)	
0900-0945	Let me out! Exploring the motivations for prosocial behavior in pigs. L.R. Moscovice (on Zoom)
0945-1000	Nordic ISAE matters. K. Thodberg
1000-1030	COFFEE
Session 1: Pigs (Chair: Knut Egil Bøe)	
1030-1045	The New Year's resolution of the finisher pig: physical activity, health and behaviour. J. Nordgren
1045-1100	Fentanyl increases locomotion, stiff gait, and repetitive behaviours in pigs. N. Digranes, H.A. Haga, J. Nordgreen
1100-1115	Effects of litter amount and different types of rooting material on welfare of fattening pigs on commercial farms. M. Ocepek, I.L. Andersen
1115-1130	Rooting material to finishing pigs – which type improves welfare the most? E.M. Rosvold, M. Ocepek, I.L. Andersen
1130-1145	Genetic parameters for novel behaviour traits based on feeder data. Ø. Nordbø and K.H. Martinsen
1145-1200	The Danish emergency response when an animal transport vehicle overturning. C. Kobek-Kjeldager, K. Dahl-Pedersen, M.S. Herskin
1200-1215	Immediate behavioural response in pigs at gas stunning with foam. M. Persson, C. Lindahl, A. Wallenbeck
1215-1315	LUNCH
Session 2: Chickens and dogs (Chair: Cecilie Mejdell)	
1315-1330	Sex differences in play ontogeny in young chickens. R. Oscarsson, P. Jensen
1330-1345	Enhancing laying hen welfare: shaping coping ability through choice in the rearing environment. L. Skånberg, R.V. Holt, F.N. Nazar, R.C. Newberry, I. Estevez, L.J. Keeling
1345-1400	Naturalistic environmental enrichment as a potential buffering mechanism for early stress in commercial hatchery hatched chicks. E. Van Poucke, P. Jensen
1400-1415	The effects of early play stimulation on cognitive capacities of White Leghorn chicks. C. Zeiträg, P. Jensen
1415-1430	Behavior and animal welfare in dogs involved in animal-assisted interventions in Swedish schools. K. Johansson, L. Lidfors
1430-1445	Dogs' effect on healthy test-persons' immediate physiological responses during pain trials. L.H. Fuglsang-Damgaard, S.J. Lunde, J.W. Christensen, L. Vase, P.B. Videbech, N.R. Gee, K. Thodberg
1445-1500	Social preference and coping in hens: domestication effects in red junglefowl and chickens. J. Gjøn, P. Jensen.
1515-1600	Workshop: digital technology and AI used as a tool within ethology and animal welfare: Where are we now? What are the potentials? What are the challenges? Intro by M. Ocepek, coordinated by I.L. Andersen
1800-	DINNER

Wednesday 7th February	
Keynote lecture (Chair: Judit Vas)	
0900-0945	Farm animal vocalizations as a window to their emotions and welfare. E. F. Mandel-Briefer (on Zoom)
0945-1000	The actual and potential use of animal welfare indicators in Norwegian farming practice. H. van de Weerd, M. Harris, G. Vasdal, C. Barry, R. Kylling
1000-1030	COFFEE
Session 3: Cattle (Chair: Margit Bak Jensen)	
1030-1045	Impact of dairy cow personality traits and concentrate allowance on the adaptability, behaviour, and production of dairy cows trained to use a free-traffic automated milking system. A.J. Schwanke, H.W. Neave, G.B. Penner, R. Bergeron, T.J. DeVries
1045-1100	Effect of light environments on melatonin and IGF-1 in lactating Norwegian red cows. E. Ternman, S. Ferneborg
1100-1115	Characterization of calf position during suckling and allosuckling in a cow-calf contact system. S. Ferneborg, I. Mørk, J.F. Johnsen, S.G. Kischel
1115-1130	Suckling behaviour of dairy calves experiencing gradually reduced cow contact. E.H. Jensen, H.W. Neave, M. Bateson, M.B. Jensen
1130-1145	Dairy cow personality: What do personality tests really tell us? K. McCrea, L.J. Keeling, H. Blokhuis, C.E. Hernandez, H. Lövlie, D. de Oliveira
1145-1200	Identifying behaviour indicators as predictive cues for hazardous situations in cattle handling. K. Thodberg, M. Norup, K. Nielsen, J.W. Christensen
1200-1300	LUNCH
1300-1315	"App" to assess and evaluate animal welfare on-farm using the Welfare Quality®Protocols. C. Barry, C. Kielland
1315-1330	Is it all connected? Exploring relationships between happy cows, satisfied workers and good economy on dairy farms. L. Keeling, B. Forkman, L. Pinaqui, A. Holmgren, A. Nyman, E. Olsson, L. Tamminen, L. Winblad Walter, E. Verbeek
Session 4: Horses and fish (Chair: Øyvind Øverli)	
1330-1345	Short term alleviation of girthiness in riding horses – effects of hay during saddling. A. Birgestrand, A. Lundberg, A. Bergh, M. Vilain-Rørvan, J. Yngvesson
1345-1400	Equine headshaking – a survey among Norwegian horse owners. C. Mejdell, K.E. Bøe, G.H.M. Jørgensen
1400-1415	Ethological observation of aggressive social interactions reveals multiple targets for non-invasive monitoring of stress and welfare in farmed Atlantic Salmon (<i>Salmo salar</i>). E.A.L. Green, M. Gunnes, I.L. Andersen, Ø. Øverli
1415-1430	Melanin-based skin pigmentation: A visual signal of stress in salmonid fishes? M. Gunnes, E.A.L. Green, I.L. Andersen, Ø. Øverli
1430-1445	Do agonistic interactions in the group measure up to direct individual involvement regarding welfare in Atlantic salmon (<i>Salmo salar</i>)? J. Vas, T.B.L. Koers, E. Höglund, Ø. Øverli
Closure of the conference	