

Programme

ARES School Research Conference

Friday 28 September 2018

All talks will take place in Bramley building, TG10

08:30 – 09:00	Registration and refreshments , Bramley building
09:00 – 09:05	Conference Opening Professor Robert Mortimer Dean, School of Animal, Rural and Environmental Sciences
09:05 – 10:30	Session 1 - Animal Behaviour, Performance and Welfare Chair: Kym Griffin
09:05 – 09:35	Heleen van der Weerd Putting Animal Welfare Science into Practice
09:35 – 10:05	Rebecca Brassington Equine Hydrotherapy - Effects of reduced belt speeds at various water heights during exercising horses on the Aqua Treadmill
10:05 – 10:25	Dr Anne Carter Non-invasive temperature monitoring
10:25 – 10:30	Aurelie Jolivald Identifying behavioural stress indicators in actively and passively coping horses: an investigation into behavioural reactivity and physiological responses to challenges
10:30 – 10:45	PhD Year 2 poster introductions
10:45 – 10:50	Introduction, Ejaz Qureshi Research & Business Development Executive, NTU Research Office
10:50 – 11:15	Refreshments and poster exhibition , Bramley building
11:15 – 12:40	Session 2 - Natural Environment Chair: Nicholas Midgley
11:15 – 11:45	Dr David Graham Structure and geometry of Icelandic glaciers: implications for sediment transfer
11:45 – 12:05	Josh Wells Implications for natural flood management when upscaling to the wider catchment: findings from an interdisciplinary approach
12:05 – 12:20	Dr Tao Lyu Oxygen nanobubble - a promising technology to improve water safety, energy generation and food production

12:20 – 12:35	Dr Sally Little Long-term changes in the macrobenthos of NW European estuarine ecosystems
12:35 – 12:40	Dinish Nadaraja Developing a Sustainability Assessment Toolkit for Abaca Plantation Agriculture
12:40 – 13:15	Lunch and poster exhibition , Bramley building
13:15 – 14:45	Session 3 - Sustainable Agriculture and Food Security Chair: Dawn Scholey
13:15 – 13:45	Doug Chaplin Increasing crop yields and abiotic stress tolerance through biostimulants and micronutrients
13:45 – 14:05	Rashd Swesi Household Resilience against Food Insecurity in Conflict-Affected Libya
14:05 – 14:25	Sophie Prentice The role of silica in improving skeletal integrity in poultry
14:25 – 14:30	Saba Amir Prebiotics, gut microbiota and the environment.....the trinity of gut health in broilers?
14:30 – 14:35	Alex Desbruslais Characterisation of a novel oligosaccharide as a potential pre-biotic
14:35 – 14:40	Alex Kemp Development of novel approaches to assess and improve skeletal development in laying hens
14:40 – 14:45	Questions for speed presenters
14.45 – 15:10	Refreshments and poster exhibition , Bramley building
15:10-16:50	Session 4 - Ecology and Conservation Chair: Richard Yarnell
15:10 – 15:15	Katie Lee Untangling the complexity of Intra-guild Predation; a study of the European badger (<i>Meles meles</i>) and the European hedgehog (<i>Erinaceus europaeus</i>)
15:15 – 15:20	Jessica Schaus-Calderon Using camera trapping to study population densities of the European hedgehog across urban and rural British landscapes
15:20 – 15:25	Robert Davis Using spatially-explicit capture-recapture models to estimate large carnivore density in Kasungu National Park, Malawi

15:25 – 15:30	Questions for speed presenters
15:30 – 16:00	Dr Daniel Pincheira-Donoso The Macroecology of Biodiversity Evolution and Extinctions: Where, when and why?
16:00 – 16:20	Dr Louise Gentle The Evolution of Superpowers
16:20 – 16:40	Dr Adam Bates The autecology of a flagship species: the influence of food, temperature & sex on the spatiotemporal distribution of the Noble Chafer beetle (<i>Gnorimus nobilis</i>)
16:40 – 16:50	Prizes and closing remarks Professor Robert Mortimer Dean, School of Animal, Rural and Environmental Sciences