

Humane Slaughter Association

Day one: 16th July 2015

HSA International Symposium 2015:

Recent Advances II

Zagreb, Croatia 16-17th July 2015

08:00-08:55 Registration and poster set-up

08:55	Dr Robert Hubrecht Humane Slaughter Association, UK	Welcome and Introduction
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09:05-10:45 Session 1 Chair: Peter Jinman, FAWC, UK

09:05	HRH Princess Alia Al Hussein Princess Alia Foundation, Jordan	Islam and animal welfare – a pathway to more humane slaughter practices
09:45	Malcolm Mitchell SRUC, UK	The effects of journey time upon the welfare of pigs in transit: A study under commercial transport conditions
10:05	Karen von Holleben bsi Schwarzenbek, Germany	Evaluation of cattle head fixation for captive bolt stunning under practical conditions – How tight and how fast?
10:25	Suzanne Millman Iowa State University, USA	Assessment of aversion to CO ₂ by weaned pigs and neonatal goats

10:45-11:10 Break

11:10-12:40 Session 2 Chair: Dr Antonio Verlarde, IRTA, Spain

11:10	Dr Denis Simonin Animal Welfare Unit, European Commission	The European Commission's work to improve food animal welfare at slaughter
11:40	Steve Wotton University of Bristol, UK	EC Regulation 1099/2009: Stunning current on cardiac arrest in Halal sheep
12:00	Pia Brandt Danish Meat Research Institute, Denmark	Documentation of welfare of finishing pigs on the day of slaughter
12:20	Rebeca Garcia DEFRA, United Kingdom	Evidence-based policy on welfare at slaughter – Latest regulatory changes, gaps and advances

12:40-14:00 Lunch, including poster session from 13:10

14:00-15:30 Session 3 Chair: Prof Yvonne Vizzier Thaxton, University of Arkansas, USA

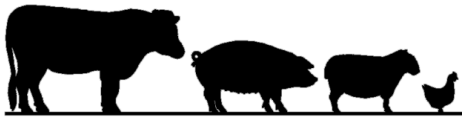
14:00	Dr Mara Miele Cardiff University, UK	Making slaughter of livestock acceptable to the consumer: How science, technology and religion affect the public debate about slaughtering practices
14:30	Georgina Limon Royal Veterinary College, UK	Pathophysiology of captive-bolt stunning in alpacas (<i>Vicugna pacos</i>)
14:50	Charlotte Berg Swedish University of Agricultural Sciences, Sweden	Animal welfare at slaughter – A social learning process
15:10	Simon Parotat bsi Schwarzenbek, Germany	Pig slaughter: Detecting signs of life prior to scalding by means of optical flow

15:30-16:10 Break

16:10-17:30 Session 4 Chair: Prof Malcolm Mitchell, SRUC, UK

16:10	Antoni Dalmau IRTA, Spain	Use of carbon dioxide to stun rabbits
16:30	Vasco Antunes European Commission Food and Veterinary Office, Ireland	Outcome of audits of EU Member States on animal welfare controls at slaughter
16:50	Phil Hadley EBLEX AHDB, UK	A comparison of handling methods relevant to the religious slaughter of sheep
17:10	Miroslav Radeski Ss. Cyril and Methodius University of Skopje, Macedonia	Absence of stress in sheep while witnessing the slaughtering process

19:00-21:00 Drinks Reception at Restoran Vinodol



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Day two: 17th July 2015

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09:00-10:20 Session 5 Chair: Prof Charlotte Berg, Swedish University of Agricultural Sciences, Sweden		
09:00	Antonio Velarde IRTA, Spain	Electrical stunning effectiveness with current levels lower than 1A in lambs and kid goats
09:20	Claudia Meier bsi Schwarzenbek, Germany	Evaluation of the Meyn multistage CO2 stunning system for chicken with regard to animal welfare under practical conditions
09:40	Hans van de Vis IMARES, The Netherlands	An approach to implement stunning and killing of fish
10:00	Käthe Kittelsen Norwegian Meat and Poultry Research Centre, Norway	Wing fractures in broilers, observed at two Norwegian abattoirs

10:20-11:00 Break

11:00-12:30 Session 6 Chair: Dr Martin von Wenzlawowicz, bsi Schwarzenbek, Germany		
11:00	Tozie Zokufa Program Manager for Africa, Humane Society International and Chairman, PAAWA, South Africa	Humane slaughter: Is Africa there yet? Challenges and opportunities
11:30	Mhairi Sutherland Ruakara Research Centre, New Zealand	Evaluation of a non-penetrating captive bolt to euthanase neonatal goat kids
11:50	Anthony Akunzule Veterinary Services Directorate, Ghana	Review of the transportation system affecting animal welfare during transport of live animal to slaughterhouses in Ghana
12:10	Sophie Atkinson Swedish University of Agricultural Sciences, Sweden	A study of aversion and stun quality in pigs stunned in a gas mixture of 80% N2 and 20% CO2 compared to 90% CO2 during commercial slaughter

12:30-12:40 Presentation of the HSA Award 2015

12:30-14:00 Lunch, including poster session from 13:10

14:00-15:30 Session 7 Chair: Dr Hans van de Vis, IMARES, The Netherlands		
14:00	Prof Yvonne Vizzier Thaxton University of Arkansas, USA	From idea to reality: The development of the Low Atmosphere Stunning System
14:30	Eloy Gonzales-Gustavson IVITA, Peru	An evaluation of the humanness of stunning and slaughter methods used in Guinea pigs (<i>Cavia porcellus</i>) for the Andean region
14:50	Alison Small CSIRO, Australia	DTS: Diathermic syncope for cattle stunning
15:10	Georgina Limon Royal Veterinary College, UK	Effect of neck cut position on time to collapse in Halal slaughtered cattle

15:30-16:10 Break

16:10-17:10 Session 8 Chair: Dr Mario Ostović, University of Zagreb, Croatia		
16:10	Jessica Martin SRUC, UK	Evaluation of electroencephalogram responses of chickens killed using three mechanical devices
16:30	Martin von Wenzlawowicz bsi Schwarzenbek, Germany	Risk factors for the use of a rifle for stunning/killing of cattle
16:50	Merel Verhoeven Wageningen University, The Netherlands	Validation of indicators used to assess unconsciousness in cattle at slaughter

17:10 End