

Programme

Day 1 – Monday 3rd July, 2017

9:00 Arrival

11:00 Registration opens (*Garden Room*)

12:00 Lunch (*Garden Room*)

Location of the symposium (*The Riley Auditorium*)

13:00 Opening Address: Victoria Sandilands, President WPSA UK Branch

Session 1: History and Natural History of feathers and skin

Chair: Victor Olori, Aviagen

13:10 Evolutionary development of the skin and feather

Richard Prum, Yale University, USA

13:45 Importance of skin and feathers to the birds

Theagarajen Ligham-Soliar, Nelson Mandela Metropolitan University, South Africa

14:20 Panel discussion

14:50 Tea break (*Elton-Bowring Room*)

Session 2: Physiological and anatomical aspects

Chair: Victor Naranjo, Evonik

15:20 Skin morphology and feather structure

Christoph Mülling, Leipzig University, Leipzig, Germany

15:55 Embryonic development of the integument

Dennis Headon, Roslin Institute, University of Edinburgh, UK

16:30 Panel discussion

17:00 Close of scientific sessions for day 1

1915 Welcome drinks reception followed by BBQ in Lerner Court, or, if weather is wet, food will be served in the Garden Room. Chauffeured punting tours will run from 1900-2100. Each tour takes 30 minutes in boats seating up to 12 people.

Day 2 – Tuesday 4th July, 2017

Session 3: Health and Welfare I

Chair: Victoria Sandilands, SRUC

- 08:30 Feather pecking in laying hens (why they do it and welfare implications)
Christine Nicol, University of Bristol, UK
- 09:05 Genetic solutions to injurious pecking
Esther Ellen, Wageningen University and Research, The Netherlands
- 09:40 Evidence-based management of injurious pecking
Thea van Niekerk, Wageningen University and Research, The Netherlands
- 10:15 Panel discussion
- 10:45 Tea break (**Elton-Bowring Room**)

Session 4: Health and Welfare II

Chair: Stephen Lister, Crowshall Veterinary Services

- 11:05 Contact and foot pad dermatitis (environmental, management and nutrition aspects)
Paul Hocking, Roslin Institute, UK
- 11:40 The poultry integrity in health and disease
Paul McMullin, Poultry Health Services, UK
- 12:15 Use of skin and integument in welfare assessment
Siobhan Mullan, University of Bristol, UK
- 12:50 Panel discussion
- 13:20 Lunch break (**Garden Room**)

Session 5: Poster viewing and discussion (14:20)

(*Elton-Bowring Room*)

The authors of submitted abstracts must attend their posters

Tea (*Elton-Bowring Room - same location with poster hall*)

Session 6: Genetics

Chair: Paul Hocking, Roslin Institute

- 15:00 Genetics of feather colouration
Victor Olori, Aviagen, UK
- 15:35 Use of feather in breeding
Avigdor Cahaner, The Hebrew University of Jerusalem, Israel
- 16:10 Genetic basis of contact dermatitis in poultry
Dagmar Kapell, Aviagen, UK
- 16:45 Panel discussion
- 17:15 Drinks reception in Lerner Court, or Garden Room if weather is wet
- 20:00 – late Gala dinner – (*Great Hall*)

Day 3 – Wednesday 5th July, 2017

Session 7: Nutrition and management I

Sponsored by Premier Nutrition

Chair: Oluyinka Olukosi, SRUC

- 08:30 Nutrition effects on feathering
Rick van Emous, Wageningen University and Research, The Netherlands
- 09:05 Strengthening the inside – effect of nutrition on gut health and maintenance and its impact on the integument integrity
Sunday Adedokun, University of Kentucky, USA
- 09:50 Panel discussion
- 10:20 Tea (**Elton-Bowring Room**)

Session 8: Nutrition and management II

Chair: Nick French, Aviagen

- 10:40 Management practices to prevent abnormal feather loss
Otto van Tuijl, Aviagen, UK
- 11:25 Business opportunities with integuments
Steve Lister, Crowshall Veterinary Services, UK
- 12:10 Round up
Nick French
- 12:20 Closing remarks
Nick French
- 12:30 Lunch (**Garden Room**) and departure

- END -

Special thanks to all those involved in organising the symposium

Organising committee: Lucy Tovey, Oluyinka Olukosi, Anthony Waller

Scientific committee: Oluyinka Olukosi, Ariane Helmbrecht, Nick French, Victor Olori, Sarah Lambton

Sponsorship: Helen Massey O'Neill