



WPSA (UK Branch) presents:



**Poultry feathers and skin – the past,
present and future of poultry integument**

3rd – 5th July 2017

Clare College, Cambridge, UK

Programme

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Sponsor of Session 7: Nutrition and management I



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 Frontiers in the development and evolution of feathers
Richard O. Prum, Yale University, USA
- 13:45 The multifunctional roles of bird feathers
Theagarajen Lingham-Soliar, Nelson Mandela University, South Africa
- 14:20 Panel discussion
- 14:50 Tea break (*Elton-Bowring Room*)

Session 2: Physiological and anatomical aspects

Chair: Oluyinka Olukosi, SRUC

- 15:20 Skin morphology and feather structure
Christoph K. W. Mülling, Leipzig University, Leipzig, Germany
- 15:55 Embryonic development of the integument
Denis Headon, Roslin Institute, University of Edinburgh, UK
- 16:30 Panel discussion

- 17:00 Close of scientific sessions for day 1
- 19:15 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



Punting on the River Cam along the Backs of the university colleges

A chauffeured punt tour is an essential part of the Cambridge experience. The punt tour that we have arranged takes you through the Backs along one of the most beautiful lengths of river in England. Lay back and enjoy the spectacular views of the mix of medieval and modern buildings whilst your chauffeur brings the story of both the city and the university to life.

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 J. Nicol, University of Bristol, UK
- 09:05 Genetic solutions to injurious pecking
Esther D. 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 dermatitis in domestic poultry
Paul M. Hocking, Roslin Institute and R(D)SVS, UK
- 11:40 The poultry integument in health and disease (other veterinary issues apart from contact dermatitis)
Paul McMullin, Poultry Health Services, UK
- 12:15 Providing welfare assurance through integument assessment – lessons from the real world
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 pigmentation and chicken plumage colouration
Victor E. Olori, Aviagen, UK
- 15:35 Genetic and breeding aspects of feather coverage, and their effects on performance
in broilers
Avigdor Cahaner, The Hebrew University of Jerusalem, Israel
- 16:10 The genetic basis of contact dermatitis in poultry
Dagmar Kapell, Aviagen, UK
- 16:45 Panel discussion
- 17:15 Drinks reception in *The Scholars' Garden* (JCR if weather is wet)
- 20:00 – late Gala dinner – *(Great Hall)*

Day 3 – Wednesday 5th July, 2017

Session 7: Nutrition and management I

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Chair: Helen Masey O'Neill, AB Agri

- 08:30 Effects of nutritional interventions on feathering of chickens – a review
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 A. Adedokun, University of Kentucky, USA
- 09:50 Panel discussion
- 10:20 Tea (*Elton-Bowring Room*)

Session 8: Nutrition and management II

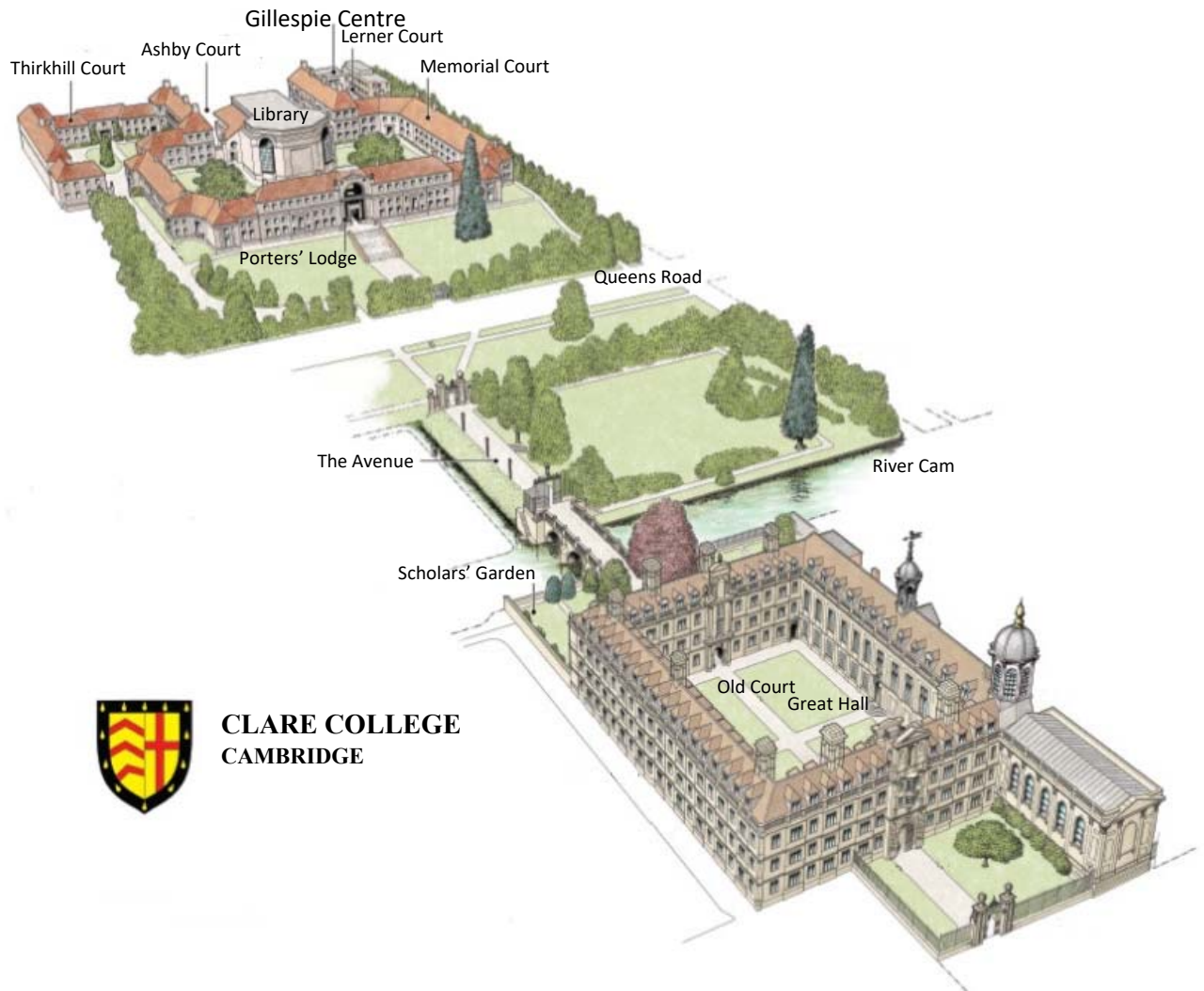
Chair: Nick French, Aviagen

- 10:40 Management practices to prevent abnormal feather loss in broiler breeders
Otto A. van Tuijl, Aviagen, UK
- 11:25 Business opportunities with integuments
Stephen 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 -

Notes

Notes



Conference sessions will be held in The Gillespie Centre

The welcome drinks reception and BBQ on Monday 3rd July will be in Lerner Court, by The Gillespie Centre

Punting on Monday 3rd July will be on the River Cam – your punt chauffeurs will collect you from the welcome drinks reception at Lerner Court from 1900

The drinks reception on Tuesday 4th July will be in the Scholars' Garden

The Gala Dinner on Tuesday 4th July will be in the Great Hall, the entrance is in the Old Court

Conference accommodation is in various courts around The Gillespie Centre

The Porters' Lodge is open 24 hours. The porters will provide directions within the College and around Cambridge and assist with any accommodation issues

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 Masey O'Neill

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