### Theme: Enhancing Poultry Production

#### PROGRAM

**08h00 – 08h45** Registration and Coffee

**FIRST SESSION**  
Chairperson: Dr. Nicky Tyler

09h00 – 09h20 **Mr. Izak Breytenbach** – SAPA, South Africa – Setting the scene.

09h20 – 10h00 **Prof. Richard Ducatelle** – University of Ghent, Belgium – What is a good microbiota.

10h00 – 10h40 **Dr. Wolfgang Siegert** – University of Hohenheim, Germany – The role of glycine and serine in poultry nutrition.

**Tea Break**

10h40 – 11h10

**SECOND SESSION**  
Chairperson: Mr. Dean Backhouse

11h10 – 11h50 **Mr. Edward Diehl** – Cobb, Netherlands – The latest developments in broiler nutrition.

11h50 – 12h00 **Mr. Stuart Taylor** – University of Pretoria, South Africa – Effect of limestone particle size and phytase source on phosphorus digestibility in broilers.

12h00 – 12h10 **Ms. Michaela Sinclair-Black** – University of Pretoria, South Africa – The effect of limestone particle size, phytase inclusion and time of oviposition on ionised blood calcium levels in commercial laying hens.

12h10 – 12h20 **Ms. Sibongiseni Nkabinde** – University of Pretoria, South Africa – Intrinsic factors contributing to variation in the AME value of maize for broiler chickens.

12h20 – 12h30 **Ms. Heike Lucht** – University of Pretoria, South Africa – Implications of bromide toxicity in pre- and post-hatch development.

**WPSA AGM**  
12h30 – 13h00 **Mr. Johan du Plessis**

**Lunch**

13h00 – 14h00

**THIRD SESSION**  
Chairperson: Ms. Gay Boomgaard

14h00 – 14h45 **Prof. Richard Ducatelle** – University of Ghent, Belgium – Should we suppress or stimulate immunity in the gut.

14h45 – 15h30 **Mr. Rick Kleyn** – Spesfeed, South Africa – The impact of nutritional interventions on gut health.

15h30 – 16h15 **Dr. Wolfgang Siegert** – University of Hohenheim, Germany – Factors on phytate degradation and phytase efficacy in broiler chickens.

**Acknowledgement**  
16h15 – 16h20 **Mr. Jannie Maritz** – Closing WPSA Scientific Symposium 2019

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