

PSA Latin American Scientific Conference Symposium Proposal

The future is already here: Applications of technology to poultry health and welfare

Chair: Karen D. Christensen, University of Arkansas

Brief Description: This symposium will not only focus on welfare, but how new technologies can be used to gather and interpret information in ways never before available to us. In addition, this information can now be readily available to improve the welfare status of poultry around the world.

Start	Length	Proposed Title, Speaker, Affiliation
8:00 am	30 min	<i>Technologies in poultry research and production: Recent advances and future directions.</i> Maja M. Makagon, University of California, Davis, Davis, CA PSA Member: Yes; International Speaker: No Estimated Travel Reimbursement: \$0
8:30 am	30 min	<i>Precision Livestock Farming.</i> Daniel Berckmans, KU Leuven, Leuven, Belgium PSA Member: No; International Speaker: Yes Estimated Travel Reimbursement: \$1,800
9:00 am	30 min	<i>Optical flow analysis for real-time monitoring of broiler welfare and health.</i> Marian Dawkins, University of Oxford, Oxford, United Kingdom PSA Member: No; International Speaker: Yes Estimated Travel Reimbursement: \$1,700
9:30 am	30 min	<i>Sensing technologies and their application in poultry welfare.</i> Wayne D. Daley, Georgia Tech Research Institute, Atlanta, GA PSA Member: Yes; International Speaker: No Estimated Travel Reimbursement: \$0
10:00 am	30 min	Break
10:30 am	30 min	<i>The App universe: Pocket tools to improve health and welfare.</i> Inmaculada Estevez, Neiker-Tecnalia, Vitoria-Gasteiz, Alava, Spain PSA Member: Yes; International Speaker: Yes Estimated Travel Reimbursement: \$2,000
11:00 am	30 min	<i>Big data: The real crystal ball to predict the future?</i> Rachel Hawken, Cobb-Vantress, Siloam Springs, AR PSA Member: Yes; International Speaker: No Estimated Travel Reimbursement: \$0
11:30 am	30 min	Roundtable Discussion.

Comments: Proposal from the PSA Poultry Well-Being Committee. The “capstone” of the symposium is the final presentation on how big data sets can be used to understand and predict behavior and welfare outcomes.

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Revised 09/08/17

Total Estimated Speaker Expenses: \$5,500

Anticipated Sponsorship:

(NOTE: PSA provides up to \$3,000 for travel-related expenses for each symposium.)

- Cobb-Vantress – \$1,000
- Perdue Farms, LLC – \$1,000
- World Animal Protection – \$1,000
- **TOTAL SPONSORSHIP – \$3,000**

Additional Needs or Expenses:

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Submission Process:

1. The Deadline for Submission is December 31, 2019 at 11:59 pm Brazil Time.
2. The PSA Board of Directors will review each proposal at their January meeting and either be given final approval or rejected.
3. The Organizing Committee will set the symposia schedule. The chair of each symposium will be informed of the day and time so the approved speakers can be notified.
4. All symposia chairs should review the [2020 LATAM PSA Policy on Symposia](#) and forward the reimbursement policy to their eligible speakers.