

# 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.

<b><u>Start</u></b>	<b><u>Length</u></b>	<b><u>Proposed Title, Speaker, Affiliation</u></b>
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 <b>PSA Member: Yes; International Speaker: No</b> <b>Estimated Travel Reimbursement: \$0</b>
8:30 am	30 min	<i>Precision Livestock Farming.</i> Daniel Berckmans, KU Leuven, Leuven, Belgium <b>PSA Member: No; International Speaker: Yes</b> <b>Estimated Travel Reimbursement: \$1,800</b>
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 <b>PSA Member: No; International Speaker: Yes</b> <b>Estimated Travel Reimbursement: \$1,700</b>
9:30 am	30 min	<i>Sensing technologies and their application in poultry welfare.</i> Wayne D. Daley, Georgia Tech Research Institute, Atlanta, GA <b>PSA Member: Yes; International Speaker: No</b> <b>Estimated Travel Reimbursement: \$0</b>
10:00 am	30 min	<b>Break</b>
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 <b>PSA Member: Yes; International Speaker: Yes</b> <b>Estimated Travel Reimbursement: \$2,000</b>
11:00 am	30 min	<i>Big data: The real crystal ball to predict the future?</i> Rachel Hawken, Cobb-Vantress, Siloam Springs, AR <b>PSA Member: Yes; International Speaker: No</b> <b>Estimated Travel Reimbursement: \$0</b>
11:30 am	30 min	<i>Roundtable Discussion.</i>

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**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.

**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:**

- None

**PSA Symposium Submission Process:**

- 1. The Deadline for Submission is October 11, 2021, at 11:59 pm CST.**
2. The PSA Board of Directors will review each proposal at their October meeting. Proposals will either be given preliminary approval, rejected, or sent back to the chair for additional information or clarification.
3. Proposals granted preliminary approval or sent back for additional information will be asked to submit a final version of the proposal no later than January 14, 2022 at 11:59 pm CST.
4. The PSA Board of Directors will review each proposal at their January meeting and either be given final approval or rejected.
5. The PSA Board of Directors will set the symposia schedule for the 2020 PSA Annual Meeting at their January meeting. The chair of each symposium will be informed of the day and time so the approved speakers can be notified.
6. All symposia chairs should review the 2022 PSA Policy on Symposia and forward the reimbursement policy to their eligible speakers.