Monday, May 11, 2020
11:00 AM - 12:30 PM Registration
11:30 AM -12:30 PM Program Committee/Moderators meeting to review moderator assignments and any last-minute details
12:30 PM - 1:30 PM Lunch

1:30 – 5:15 PM Session 1: Overview of Automation on Dairy Farms Moderator 1: Trevor DeVries, University of Guelph
Welcome & recognitions. Larry Miller, Discover Conference Series and DC38 Co-chairs Marcia Endres, University of Minnesota and Mathew Haan, The Pennsylvania State University
Kickoff Speaker: Trajectory of Adoption of Technology in Dairy. Doug Reinemann, University of Wisconsin
Labor Needs on Highly Automated Dairy Farms Brian Houin, Homestead Dairy
Discussion by all participants

3:30 -4:00 PM Break
Automated Dairy Barns for Cow Comfort Nigel Cook, UW-Madison
Discussion by all participants

5:15 PM Adjourn
5:30 PM Welcome Reception
Dinner on your own

Tuesday, May 12, 2020
7:00 - 8:00 AM Continental breakfast

8:00 AM – 12:30 PM Session 2: Robotic / Automated Milking Moderator 2: Marcia Endres, University of Minnesota
Welcome and Announcements
Robots Practical Adoption Mat Haan, The Pennsylvania State University
Robotic Milking Economics Jim Salfer, University of Minnesota

10:25 -10:55 AM Break
Producer/Industry Panel:
Single Box Robots. Darrel Richard, Darita Holsteins
Robotic Rotary Parlors. Barry Visser, Vita Plus
Semi-Automatic Parlors. Panelist to be confirmed
Robotic Batch Milking. Panelist to be confirmed
Discussion by all participants

12:30 – 1:30 PM Lunch

1:30 – 5:30 PM Session 3: Automated Feeding Moderator 3: Mat Haan, Pennsylvania State University
Automated Calf Feeders – practical aspects of feeding calves. Bob James, GPS Dairy Consulting
Group Housing for Calves. Dan McFarland, The Pennsylvania State University
Discussion by all participants

3:15 – 3:45 PM Break
Need for Automation in Feeding Lactating Dairy Cows. Trevor DeVries, University of Guelph
Panel: Automatic TMR Feeding.
Steve Sweet, Lely. Remaining panelists to be confirmed.
Discussion by all participants

5:30 PM Adjourn
Dinner on your own

Wednesday, May 13, 2020
7:00 - 8:00 AM Continental breakfast

8:00 AM – 12:00 PM Session 4: Future Automation Moderator 4: Jeffrey Bewley, Alltech
Lessons to be Learned from Automation of Other Sectors. Raj Bhasin, Robotic Systems Integration
What Other Opportunities Are There For Dairy Automation? Henk Hogeveen, Wageningen University
Workgroups
10:00-10:30 AM Break
Workgroup report back and discussion
Wrap-up and next steps
12:00 PM Adjourn