

SCHEDULE AT A GLANCE

4th Annual James B. Beam Institute Industry Conference

DAY 1 | MONDAY, MARCH 13, 2023

8:00 AM

Conference Check In
Great Hall, Gatton Student Center

Exhibitor Check in
Harris Ballroom

Breakfast
Grand Ballrooms A, B, C

9:00 AM

Conference Welcome
Worsham Cinema

10:00 AM | Business Topics, Presented by Averitt | Worsham Cinema

Bourbon Globalization & Local Collaboration
10:15 AM - 10:35 AM

Reclaiming Your Competitive Advantage
10:35 AM - 10:55 AM

Bourbon and retail: a 10-yr retrospective and prognostications for the future
10:55 AM - 11:15 AM

11:00 AM | Diversity Equity and Inclusion in Distilling | Worsham Cinema

Preliminary Findings from the Black Women in Bourbon Interviewing Initiative
11:30 AM - 11:50 AM

African American Contributions to the KY Bourbon Industry
11:50 AM - 12:10 PM

African American Contributions to Distilling
12:10 PM - 12:30 PM

12:30 PM | LUNCH, SUPPORTED BY SAZERAC | GRAND BALLROOMS



1:30 PM | Concurrent Session 1: Legal & Financial Aspects, supported by Shumaker | Cat's Den



Protecting intellectual property
1:30 PM - 1:50 PM

Finance Transformation
1:50 PM - 2:10 PM

Legislative Moves and Regulatory Trends in the Alcoholic Beverage Space
2:10 PM - 2:30 PM

DAY 1 CONTINUED | MONDAY, MARCH 13, 2023

1:30 PM | Concurrent Session 2: Human Resources | Worsham Cinema

Panel: Building the Talent Pipeline

1:30 PM - 2:30 PM

The Role of the Apprentice in Research & Innovation at the Fred B. Noe Distillery

2:30 PM - 2:50 PM

3:00 PM | EXPO AND BREAK | POSTER SESSION | HARRIS BALLROOM

4:00 PM | Concurrent Session 1: Craft and Hospitality | Cat's Den

Creating more Freddie Johnsons to represent your brand

4:05 PM - 4:20 PM

How to inspire bartenders to be your Brand Champions

4:20 PM - 4:40 PM

Tennessee Whiskey

4:40 PM - 5:00 PM

The Challenges & Opportunities of Starting a Farm Distillery

5:00 PM - 5:20 PM

4:00 PM | Concurrent Session 2: Social Responsibility | Worsham Cinema

Supplier Diversity and the Spirits Industry

4:00 PM - 5:00 PM

The Learning Bar: A New Twist on Social Responsibility

5:00 PM - 5:20 PM

5:30 PM | HAPPY HOUR AND EXPO, PRESENTED BY MALTEUROP | POSTER SESSION | HARRIS BALLROOM



General Conference Partner

DAY 2 | TUESDAY, MARCH 14, 2023

8:00 AM

Conference Check In
Great Hall, Gatton Student Center

Breakfast
Grand Ballrooms A, B, C

9:00 AM | Maturation | Worsham Cinema

Analysis of Bourbon Barrel Material Structure Characteristics in Microscale
9:00 AM - 9:20 AM

Computational Modeling of the Toasting and Charring of Bourbon Barrels
9:20 AM - 9:40 AM

Monitoring and Mitigation of the Rust Promoting Environment in Warehouses
9:40 AM - 10:00 AM

Vapor barrier use in reducing angels' share, minimizing leaks, and increasing barrel performance
10:00 AM - 10:20 AM

10:30 AM | EXPO AND COFFEE BREAK, HOSTED BY AB BIOTEK | POSTER SESSION | HARRIS BALLROOM



11:30 AM | Fermentation, presented by Lallemand | Worsham Cinema

American Whiskey: Fermentation driven tools to lessen its environmental footprint during production
11:30 AM - 11:50 AM

A Historical Perspective on Sour Mashing and its Role in Modern Conversion & Fermentation Process Optimization
11: 50 AM - 12:10 PM

Screening of Potential Mixed Starter Cultures, for Formulation of Starter Culture for Large Scale Production of Ethiopian Honey Wine Tej
12:10 PM - 12:30 PM

12:30 PM | LUNCH, HOSTED BY GREAT WESTERN MALTING | GRAND BALLROOMS

Brief Remarks by KY Agriculture Commissioner Ryan Quarles
1:00 PM - 1:15 PM



Technical Session Partners

DAY 2 CONTINUED | TUESDAY, MARCH 14, 2023

1:30 PM | Concurrent Session 1: Distillery Planning, Presented by kpff Consulting Engineers | Cat's Den

Distillery Architecture 101
1:35 PM - 1:55 PM

Producing Clean Steam to Run an Energy Efficient Distillery
1:55 PM - 2:15 PM

To Control or Not To Control, that is the Question
2:15 PM - 2:35 PM

1:30 PM | Concurrent Session 2: Quality & Analysis | Worsham Cinema

Analysis of the Single Oak Project
1:30 PM - 1:50 PM

Filtration Technology from Barrel to Bottle
1:50 PM - 2:10 PM

Static optics FTIR for real-time fermentation monitoring and control
2:10 PM - 2:30 PM

Chill Haze Quality Methods
2:30 PM - 2:50 PM

3:00 PM | EXPO AND BREAK, HOSTED BY KPFF CONSULTING ENGINEERS | POSTER SESSION | HARRIS BALLROOM



Different Origins with a Common Thread: Exploring International Whiskeys, hosted by Lallemand
3:05 PM - 3:50 PM | Senate Chamber

4:00 PM | Concurrent Session 1: Grains - Raw Materials | Worsham Cinema

Barley: The Little Crop That Could
4:00 PM - 4:20 PM

Breeding GN0 barley in North America and the outlook for new varieties
4:20 PM - 4:40 PM

Cracking the Rye Problem: Taking Care of High Viscosity and Lower Yields
4:40 PM - 5:00 PM

That Aged Well: The KY Rye Project
5:00 PM - 5:20 PM



Happy Hour Partners

DAY 2 CONTINUED | TUESDAY, MARCH 14, 2023

4:00 PM | Concurrent Session 2: Safety | Cat's Den

Key Components of a Successful Emergency Response Plan
4:00 PM - 4:20 PM

Developing Standards for Distillery Safety Professionals
4:20 PM - 4:40 PM

Distillery Safety
4:40 PM - 5:00 PM

5:30 PM | EXPO AND HORS D'OEUVRES AND HAPPY HOUR PRESENTED BY 3 RIVERS ENERGY SOLUTIONS | POSTER SESSION | HARRIS BALLROOM

DAY 3 | WEDNESDAY, MARCH 15, 2023

Beam SUNTORY

Day Partner

8:00 AM

Conference Check In
Great Hall, Gatton Student Center

Breakfast
Grand Ballrooms A, B, C

9:00 AM | Sustainability, Supported by American Farmland Trust | Worsham Cinema

Farm Cover Cropping Driving Sustainability Outcomes on Kentucky Farms
9:00 AM - 9:30 AM

The Financial Benefits of Building a Sustainable Distillery
9:30 AM - 9:50 AM

Technologies to help Bourbon Whisky Distilleries with their Sustainability Requirements
9:50 AM - 10:10 AM

10:00 AM | COFFEE BREAK | PREFUNCTION 3RD FLOOR

11:00 AM | University and State Sustainability Resources for Distilling | Worsham Cinema

Kentucky Excellence in Environmental Leadership (KY EXCEL)
11:00 AM - 11:20 AM

Case Studies Utilizing Free Sustainability Resources Provided by the Kentucky
Pollution Prevention Center
11:20 AM - 11:40 AM

Craft Energy Savings by Partnering with UK and Other Distillers
11:40 AM - 12:00 PM

12:00 PM | LUNCH | GRAND BALLROOMS

Sustainability Lunch Roundtable | 330A/B

DAY 3 CONTINUED | WEDNESDAY, MARCH 15, 2023

1:00 PM | Concurrent Session 1: Aspects of Sustainability | Cat's Den

The Economics of Solar Energy Use for a Distillery

1:00 PM - 1:20 PM

Sustainability in Packaging and the path towards a greener spirits supply chain

1:20 PM - 1:40 PM

Application of Carbon Dioxide Capture to the American Whiskey Industry

1:40 PM - 2:00 PM

An innovative water reuse strategy: Laboratory studies on potential reuse of Reverse Osmosis Concentrate

2:00 PM - 2:20 PM

1:00 PM | Concurrent Session 2: Spent Grains | Worsham Cinema

Sustainable Stillage Upcycling Through Commercial Insect Farming

1:00 PM - 1:20 PM

Stillage Dewatering in the Alcoholic Beverage Industry

1:20 PM - 1:40 PM

Results of Pilot Study of Hydrothermal Carbonization of Spent Grains

1:40 PM - 2:00 PM

Advanced Anaerobic Digestion of Stillage by Separating Solids for Better Efficiency, Economics and Aesthetics

2:00 PM - 2:20 PM

2:30 PM | BREAK

3:00 PM | Sustainability Process, Supported by Beam Suntory | Worsham Cinema

Process Optimization: What Distillers Need to Know for Optimum Yields and Quality

3:00 PM - 3:20 PM

How Changes in Fermentation can Reduce the Level of COD/BOD in the Thin Stillage

3:20 PM - 3:40 PM

Sustainability Practices Panel

3:40 PM - 4:30 PM

4:30 PM | CONFERENCE CLOSING | WORSHAM CINEMA



Experience Partners