

May 5 - 9, 2025

Hilton Garden Inn, Jordan Creek
West Des Moines, IA



BIOFUELS

ACADEMY

AGENDA



**LALLEMAND BIOFUELS
& DISTILLED SPIRITS**

Hotel Registration

Contact the Hilton Garden Inn West Des Moines at [1- 515-223-0571](tel:1-515-223-0571) or via the booking link:

Book your room

Lallemand Biofuels & Distilled Spirits has negotiated a limited number of traditional king rooms at a discounted rate of **\$129.00** plus tax/night.

Reservations must be received by April 15, 2025 to receive the discounted rate.
After April 15, the rate will increase.

Monday Evening, May 5, 2025

Join us from 6 to 9pm for registration and networking reception.



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Tuesday

May 6, 2025

7:30 am – 8:30 am	Registration Open (Breakfast)
8:30 am – 8:45 am	Introduction to Course Ben Sunderhaus, Lallemand Biofuels & Distilled Spirits
8:45 am – 9:00 am	Company Overview Craig Ammann, Lallemand Biofuels & Distilled Spirits
9:00 am – 9:30 am	RFA - Biofuels Industry Update Robert White, Renewable Fuels Association
9:30 am – 10:10 am	Exploring Feedstocks: The Backbone of Fuel Ethanol Production John Caupert, Grain Elevator & Processing Society
10:10 am – 10:35 am	COFFEE BREAK
10:35 am – 11:20 am	Milling Matters: Best Practices for Ethanol Biorefineries Alex Sexton, Lallemand Biofuels & Distilled Spirits
11:20 am – 12:00 am	Enzymes as Processing Aids in Alcohol Production Brian Hoskins, Ph.D, Lallemand Biofuels & Distilled Spirits
12:00 am – 1:00 pm	LUNCH
1:00 pm – 1:40 pm	Introduction to the Front End and Troubleshooting Lee Poppe, Lallemand Biofuels & Distilled Spirits
1:40 pm – 2:25 pm	Fundamentals of Yeast & Nutrition Jim Miers, Lallemand Biofuels & Distilled Spirits
2:25 pm – 2:50 pm	SNACK BREAK
2:50 pm – 3:35 pm	Managing Propagation & Optimization Spenser Burden, Lallemand Biofuels & Distilled Spirits
3:35 pm – 4:00 pm	Breakout Group Sessions #1 LBDS Technical Team
4:00 pm – 5:00 pm	Ask the Experts Panel Wrap-up LBDS Technical Team
	FREE EVENING



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Wednesday

May 7, 2025

7:30 am – 8:30 am	Breakfast
8:30 am – 9:15 am	Managing Fermentation Lindsey Mathiesen, Lallemand Biofuels & Distilled Spirits
9:15 am – 9:55 am	Bacterial Contamination Rachel Murdy, Ph.D, Lallemand Biofuels & Distilled Spirits
9:55 am – 10:20 am	COFFEE BREAK
10:20 am – 11:05 am	Hygienic Practices in Ethanol Plants Shelly Siemonsma, Lallemand Biofuels & Distilled Spirits
11:05 am – 11:30 am	Breakout Group Sessions #2 LBDS Technical Team
11:30 am – 12:30 pm	LUNCH
12:30 pm - 1:15 pm	Troubleshooting in a Fuel Ethanol Production Facility Ben Sunderhaus, Lallemand Biofuels & Distilled Spirits
1:15 pm – 1:45 pm	Impact of Carbon Intensity in the Fuel Ethanol Industry Michael Cody, Lallemand Biofuels & Distilled Spirits
1:45 pm – 2:10 pm	SNACK BREAK
2:10 pm – 2:55 pm	The Production of Whiskey & Other Distilled Spirits Haley Churchill, Lallemand Biofuels & Distilled Spirits
2:55 pm – 3:20 pm	Breakout Group Sessions #3 LBDS Technical Team
3:20 pm – 4:30 pm	Troubleshooting Exercise - Panel Ben Sunderhaus, Lallemand Biofuels & Distilled Spirits
6:00 pm – 9:00 pm	ATTENDEE APPRECIATION EVENT



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Thursday

May 8, 2025

7:30 am – 8:30 am	Breakfast
8:30 am – 9:30 am	Theory & Principles of Vacuum Distillation Operation Chuck Gallop, ICM
9:30 am – 10:10 am	Understanding Fusel Implications Michael Humphrey, MBB Lallemand Biofuels & Distilled Spirits
10:10 am – 10:35 am	COFFEE BREAK
10:35 am – 11:35 am	Theory & Principles of Ethanol Dehydration through Pressure Swing Absorption Chuck Gallop, ICM
11:35 am – 12:00 pm	Breakout Group Session #4 LBDS Technical Team
12:00 pm – 1:00 pm	LUNCH
1:00 pm – 1:45 pm	Energy Center: Boilers, Dryers & Troubleshooting Tony Beam, Lallemand Biofuels & Distilled Spirits
1:45 am – 2:10 pm	Breakout Group Session #5 LBDS Technical Team
2:10 pm – 2:55 pm	Corn Oil Production: Theory & Separation Aaron Williamson, ICM, Inc.
2:55 pm – 3:15 pm	SNACK BREAK
3:15 pm – 4:45 pm	Centrifugation GJ Long, Flottweg Separation Technology
	FREE EVENING



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Friday

May 9, 2025

7:30 am – 8:30 am	Breakfast
8:30 am – 9:20 am	What's in Your Water & Why Should You Care About It? - Water Treatment Brad Thompson, Veolia Water Technologies & Solutions
9:20 am – 9:45 am	Breakout Group Sessions #6 LBDS Technical Team
9:45 am – 10:00 am	COFFEE BREAK
10:00 am – 10:30 am	Growth Energy Joe Kakesh, Growth Energy
10:30 am – 11:30 am	Factoring Impacts of Yield Loss LBDS Panel
11:30 am – 12:00 pm	Raffle
12:00 am – 12:30 pm	Graduation/BFA Certification

