



**Fall 2023 Applexion Short Course
November 1st - 2nd**

Agenda

Locations

IBRL: 1300 W. Pennsylvania Ave., Urbana, IL 91801
 Triptych: 703 Woodfield Dr, Savoy, IL 61874
 I-Hotel: 1900 S. 1st St., Champaign, IL 61820

Day 1, November 1, 2023 Ceramic Membrane Filtration

Time	Topic	Lead
7:45am	Shuttle Pick up at I-Hotel	
8:00 – 9:00am	<i>Breakfast and Registration</i>	
9:00- 10:15am	Introductions and Start of Part 1 of AM Session <ul style="list-style-type: none"> • Membrane Terms and Definitions; Ceramic Membranes; Kerasep Membranes 	Hafedh Sadani, CPL Manager
10:15 – 10:30am	<i>Break</i>	
10:30 – 12pm	Start of Part 2 of AM Session <ul style="list-style-type: none"> • Membrane Filtration Process; Membrane System; Equipment & Control 	Hafedh Sadani, CPL Manager
12 – 1:00pm	<i>Lunch</i>	
1 – 2:30pm	Start of Part 1 of PM Session <ul style="list-style-type: none"> • Ceramic Membrane Selection; Scaling Up; Pilot Testing Case Study 	Hafedh Sadani, CPL Manager
2:30 – 2:45pm	<i>Break</i>	
2:45 – 4:00pm	Start of Part 2 of PM Session <ul style="list-style-type: none"> • Industrial Systems & Troubleshooting 	Hafedh Sadani, CPL Manager
4 – 5:00pm	Tour of IBRL	IBRL Staff
5 – 5:30pm	Shuttle from IBRL to Networking Reception at Triptych	
5:30 - 7:30pm	Networking Reception at Triptych	Triptych
7:30pm	Shuttle from Triptych Networking Reception to I-Hotel	



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Day 2 November 2, 2023 Chromatography

Time	Topic	Lead
7:45am	Shuttle Pick up at I-Hotel	
8:00 – 9:00am	<i>Breakfast</i>	
9:00- 10:30am	Introductions and Start of Part 1 of AM Session <ul style="list-style-type: none">• Introduction to Chromatography & Theory	Hector Osuna, R&D Manager
10:30 – 10:45am	<i>Break</i>	
10:45 – 12pm	Start of Part 2 of AM Session <ul style="list-style-type: none">• Scale Up; Defining CAPEX and OPEX• Batch Chromatography to Continuous Chromatography	Hector Osuna, R&D Manager
12 – 1:00pm	<i>Lunch</i>	
1 – 2:30pm	Start of Part 1 of PM Session <ul style="list-style-type: none">• Industrial Design & System Operation	Hector Osuna, R&D Manager
2:30 – 2:45pm	<i>Break</i>	
2:45 – 4:00pm	Start of Part 2 of PM Session <ul style="list-style-type: none">• Troubleshooting & Digital Tools	Hector Osuna, R&D Manager
4 – 4:15pm	Certificates & Group Photos	IBRL Staff
4:15pm	Shuttle from IBRL to I-Hotel	

Contacts

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