

Short Course Chairman: Doug Foran • Pine Chemicals Association International

## Course Schedule and Table of Contents

**WEDNESDAY, JUNE 5, 2019 7:00 AM - 6:00 PM**

General Session located in GRAND 1

### SOAP RECOVERY & CRUDE TALL OIL PROCESSING

<u>TIME</u>	<u>Course Topic or Event</u>	
7:00 AM - 8:00 AM	 <b>Breakfast/Networking with EXHIBITORS/SPONSORS</b>	Majestic Ballroom
8:00 AM - 8:10 AM	OPENING COMMENTS & ANTI-TRUST STATEMENT	Alex Cunningham , President of PCA
8:10 AM - 8:20 AM	PCA RECOVERY COMMITTEE & COURSE OVERVIEW	Jerry Smith, PCA
8:20 AM - 8:40 AM	PINE CHEMICALS INDUSTRY & MARKETS - Rosin	Jim Turner , Vistaurum
8:40 AM - 9:00 AM	WHAT IS SOAP & WHY SHOULD IT BE RECOVERED	Doug Foran , Kraton Chemical LLC
9:00 AM - 9:30 AM	WHY IS SOAP QUALITY IMPORTANT	Joe Bohannon , Ingevity
9:30 AM - 9:45 AM	 <b>TEAM MEETING: QUESTION DEVELOPMENT</b>	Majestic Ballroom
9:45 AM - 10:00 AM	 <b>Refreshment Break/Networking with EXHIBITORS/SPONSORS</b>	Majestic Ballroom
10:00 AM - 10:45 AM	SOAP RECOVERY BASICS	Doug Foran , Kraton Chemical LLC
10:45 AM - 11:45 AM	BREAKOUT SESSIONS:	
	1. SAMPLING & TESTING - Monitoring Recovery Efficiency & Quality	Joe Bohannon & Jerry Smith in Grand II
	▶ TESTING BLACK LIQUOR SOAP CONTENT	Joe Bohannon , Ingevity
	▶ TESTING BLACK LIQUOR FOR RESIDUAL CRUDE TALL OIL	Jerry Smith, PCA
	▶ SHIPPING SOAP & TALL OIL - BASICS	Joe Bohannon , Ingevity & Jerry Smith , PCA
	2. TALL OIL SOAP RECOVERY	Doug Foran in Grand III
	▶ LET'S JUST BURN SOAP - What Could Possibly Go Wrong?	Doug Foran , Kraton Chemical LLC
	▶ Creating A Tall Oil (Soap) Balance from Liquor Samples	Doug Foran , Kraton Chemical LLC
	▶ SNAKE OIL : Separation Additives in Acidulation	Doug Foran , Kraton Chemical LLC
11:45 AM - 12:45 PM	 <b>Lunch/Networking with EXHIBITORS/SPONSORS</b>	Majestic Ballroom
12:45 PM - 1:45 PM	BREAKOUT SESSIONS:	
	1. SAMPLING & TESTING - Monitoring Recovery Efficiency & Quality	Joe Bohannon & Jerry Smith in Grand II
	▶ TESTING BLACK LIQUOR SOAP CONTENT	Joe Bohannon , Ingevity
	▶ TESTING BLACK LIQUOR FOR RESIDUAL CRUDE TALL OIL	Jerry Smith, PCA
	▶ SHIPPING SOAP & TALL OIL - BASICS	Joe Bohannon , Ingevity & Jerry Smith , PCA
	2. TALL OIL SOAP RECOVERY	Doug Foran in Grand III
	▶ LET'S JUST BURN SOAP - What Could Possibly Go Wrong?	Doug Foran , Kraton Chemical LLC
	▶ Creating A Tall Oil (Soap) Balance from Liquor Samples	Doug Foran , Kraton Chemical LLC
	▶ SNAKE OIL : Separation Additives in Acidulation	Doug Foran , Kraton Chemical LLC
1:45 PM	<b>RETURN to General Session</b>	Grand 1
1:45 PM - 2:05 PM	PINE CHEMICALS INDUSTRY & MARKETS - Fatty Acid	Jim Turner , Vistaurum
2:05 PM - 2:15 PM	WHAT IS CTO & WHY SHOULD IT BE PRODUCED?	Joe Bohannon , Ingevity
2:15 PM - 2:30 PM	 <b>TEAM MEETING - QUESTION DEVELOPMENT</b>	Grand 1
2:30 PM - 2:45 PM	 <b>Afternoon Refreshment Break/Networking with EXHIBITORS/SPONSORS</b>	Majestic Ballroom
2:45 PM - 3:45 PM	ACIDULATION OF BLACK LIQUOR SOAP - CTO Production	Doug Foran , Kraton Chemical LLC & Jerry Smith , PCA
3:45 PM - 4:05 PM	WHY IS CTO QUALITY IMPORTANT?	Joe Bohannon , Ingevity
4:05 PM - 4:25 PM	SPENT ACID DISPOSAL OPTIONS	Doug Foran , Kraton Chemical LLC
4:25 PM - 5:00 PM	Panel Discussion & Wrap-Up	Joe Bohannon, Doug Foran, Jerry Smith, & Jim Turner
5:00 PM - 6:00 PM	 <b>NETWORKING COCKTAIL RECEPTION with EXHIBITORS/SPONSORS</b>	Majestic Ballroom








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### Course Schedule and Table of Contents

**THURSDAY, JUNE 6, 2019 7:00 AM – 6:00 PM**

General Session located in GRAND 1

#### TURPENTINE RECOVERY (BATCH/CONTINUOUS/BHA/NCGs)

<u>TIME</u>		<u>Course Topic or Event</u>	
7:00 AM - 8:00 AM		<i>Breakfast/Networking with EXHIBITORS/SPONSORS</i>	Majestic Ballroom
8:00 AM - 8:10 AM		PCA - DAILY OVERVIEW & ANTI-TRUST STATEMENT	Alex Cunningham, President of PCA
		<b><u>SAFETY</u></b>	
8:10 AM - 8:20 AM		PINE CHEMICALS INDUSTRY & MARKETS - Turpentine	Jim Turner, Vistaurum
8:20 AM - 8:30 AM		SAFETY VIDEOS	Greg Clements, Symrise & Hilton Tyre, DRT
8:30 AM - 8:55 AM		LOADING & TRANSPORTING TURPENTINE	Greg Clements, Symrise & Hilton Tyre, DRT
8:55 AM - 9:25 AM		INSPECTION & CLEANING	Greg Clements, Symrise & Hilton Tyre, DRT
9:25 AM - 9:40 AM		<b><u>TEAM MEETING - QUESTION DEVELOPMENT</u></b>	Grand 1
9:40 AM - 9:55 AM		<i>Morning Refreshment Break/Networking with EXHIBITORS/SPONSORS</i>	Majestic Ballroom
9:55 AM - 10:25 AM		FOUL CONDENSATE COLLECTION & HANDLING	Paul Seefeld, LDX Solutions
10:30 AM - 11:30 AM		BREAKOUT SESSIONS:	
		1. SAMPLING & TESTING	Greg Clements & Hilton Tyre in Grand II
		▶ MOITORING RECOVERY EFFICIENCY & QUALITY	Greg Clements, Symrise & Hilton Tyre, DRT
		▶ MEASURING & DETECTION	Greg Clements, Symrise & Hilton Tyre, DRT
		2. EMERGING TECHNOLOGY	Dale Mitchell & Jim Turner in Grand III
		▶ FRAGRANCE DEMO - Smell & Tell	Jim Turner, Vistaurum
		▶ LIGNIN	Dale Mitchell, Domtar Paper
11:30 AM - 12:30 PM		<i>Lunch/Networking with EXHIBITORS/SPONSORS</i>	Majestic Ballroom
12:30 PM		<i>RETURN to General Session</i>	Grand 1
		DIGESTING/PROCESSING	
12:30 PM - 1:30 PM		BREAKOUT SESSIONS:	
		1. SAMPLING & TESTING	Greg Clements & Hilton Tyre in Grand II
		▶ MOITORING RECOVERY EFFICIENCY & QUALITY	Greg Clements, Symrise & Hilton Tyre, DRT
		▶ MEASURING & DETECTION	Greg Clements, Symrise & Hilton Tyre, DRT
		2. EMERGING TECHNOLOGY	Dale Mitchell & Jim Turner in Grand III
		▶ FRAGRANCE DEMO - Smell & Tell	Jim Turner, Vistaurum
		▶ LIGNIN	Dale Mitchell, Domtar Paper
1:30 PM		<i>RETURN to General Session</i>	Grand 1
1:30 AM - 2:15 PM		BATCH DIGESTING	Hilton Tyre, DRT
2:15 PM - 2:30 PM		<i>Afternoon Refreshment Break/Networking with EXHIBITORS/SPONSORS</i>	Majestic Ballroom
2:30 PM - 3:15 PM		BATCH ACCUMULATOR	Paul Seefeld, LDX Solutions
3:15 PM - 4:00 PM		CONTINUOUS DIGESTING	Greg Clements, Symrise
4:00 PM - 4:30 PM		TURPENTINE IN NCGs	Paul Seefeld, LDX Solutions
4:30 PM - 4:45 PM		TURPENTINE IN PSM	Paul Seefeld, LDX Solutions
4:45 PM - 5:00 PM		<b><u>TEAM MEETING - QUESTION DEVELOPMENT</u></b>	Grand 1
5:00 PM - 5:15 PM		Panel Discussion & Wrap-Up	Greg Clements, Dale Mitchell, Paul Seefeld, Jim Turner & Hilton Tyre
5:15 PM - 6:15 PM		<b><u>NETWORKING COCKTAIL RECEPTION with EXHIBITORS/SPONSORS</u></b>	Majestic Ballroom

**FRIDAY, JUNE 7, 2019 7:00 AM – 6:00 PM**

General Session located in GRAND 1

#### EMERGING ISSUES

<u>TIME</u>		<u>Course Topic or Event</u>	
7:00 AM - 8:00 AM		<i>Breakfast/Networking with EXHIBITORS/SPONSORS</i>	Majestic Ballroom
8:00 AM - 8:05 AM		PCA - DAILY OVERVIEW & ANTI-TRUST STATEMENT	Alex Cunningham, President of PCA
8:05 AM - 9:05 AM		ENGINEERING TECHNOLOGY: New Issues	Greg Clements, Paul Seefeld & Hilton Tyre
9:05 AM - 9:50 AM		Southeast Mill Experience	Marc Sabourin, Head Engineering
9:50 AM - 10:05 AM		<b><u>TEAM MEETING - QUESTION DEVELOPMENT</u></b>	Grand 1
10:05 AM - 10:20 AM		<i>Break/Networking with EXHIBITORS/SPONSORS - Return to General Session</i>	Majestic Ballroom
10:20 AM - 10:50 AM		TALL OIL PLANT METALURGY - Roundtable	Joe Bohannon, Paul Seefeld, & Jerry Smith
10:50 AM - 11:20 AM		EXECUTIVE SUMMARY: Analysis of EU CTO Industry - Impact, Value & Potential	Alex Cunningham, President of PCA
11:20AM - 12:00 PM		PANEL DISCUSSION, WRAP-UP & COURSE EVALUATION: Led By Jerry Smith	Joe Bohannon, Greg Clements, Doug Foran, Marc Sabourin, Paul Seefeld & Hilton Tyre