## Wednesday, November 13, 2024 - Waygate Technologies Customer Solution Center (CSC), Sharonville

Time	Subject					Presenter			
8:00 a.m.	Registration, B	reakfast							
8:30 a.m.	Speaker Meeti	ng - Day one spea	akers, session o	chairs only					
9:00 a.m.	Opening				Neil Bloomfield, Global Battery and Automotive Segment Leader, IXS,				
					Waygate Technologies, US				
9:05 a.m.	Welcome				Ludo Milosevic, General N	lanager Radiography Syst	tems, Waygate		
0.20 a m	Vounete Casali	or Doy 1 Morks	t Ouemieus		Technologies, Germany Benchmark/Avicenne/Bloo	and boughts			
9:30 a.m.	Keynote Speak	ombergNEF							
Battery Inspection Te	chnology Upd	ate							
10:00 a.m.	Radiography Sy	ystems Technolog	gy Update		Shana Telesz, Senior Produ	uct Manager, Radiograph	y Systems, Watgate		
						Technologies, USA			
10:30 a.m.	Morning Break								
Session Chair: Julia Tovar				A 1: .: CEI		D. II	0 0 1 1 1 1 1 1		
11:00 a.m.		r Battery R&D and		Application of Ele	ectron	Dr. Hugues Francois-Saint Cyr, Sr. Industrial Application Enabler, Materials Science Division, Battery , ThermoFisher Scientific, USA			
11:30 a.m.		plications in Batte		ig		* *			
11.00 0	orti abbarra 7 ip	prications in Batti	er y mapedaton		Cole Murphy, NDT Design Engineer, Ultrasound, Waygate Technologie NY USA and Yuichi Kajiura Ph.D Student, University of Oklahoma, OK				
Battery/Cell Safety a	nd Failure miti	gation				•	,	,	
12:00 p.m.	X-ray CT for Ch	aracterization of	Battery Degra	dation and Failure	e Mechanisms	Dr. Donal Finegan, Senior S	Scientist at National Rene	ewable Energy	
						Laboratory, Colorado, USA			
12:30 p.m.	Trust but Verif	y: Beyond Batter	y Cycling			Mike Pendleton, Technical Director of Battery, Element Materials			
						Technology, Michigan, USA			
1:00 p.m.	Lunch								
Self Guided Hands-O									
1:45 p.m.	Introduction to	the afternoon a	ctivity			Neil Bloomfield, Global Battery and Automotive Segment Leader, Radiography Systems, Waygate Technologies			
Time	v tome x	v tome x	v tome x	Thermo Scientific	Ultrasonic General				
Time	C450	M300	L450	SEM	Curie	Ellistelli	and Battery		
2:00 - 2:50 p.m.	Module Scan -	Pouch Cell							
Session 1	Meso Tube	Corner Scan		SEM	x approver	Thermo Fisher AVIZO	UT Battery		
3:00 - 3:50 p.m.		Pouch Cell	Prismatic						
Session 2		Corner Scan	Cell Scan	SEM	x approver		UT General		
4:00 - 4:50 p.m.	Module Scan -	Pouch Cell	Prismatic						
Session 3	Meso Tube	Corner Scan	Cell Scan	SEM	x approver	Thermo Fisher AVIZO	UT Battery		
Code				Descripti	on			Presenter	
AVIZO	AVIZO Demo				<u> </u>		Dr. Reng Pe		
Thermo Scientific SEM		ific Δvia ChemiSF	M and CleanCo	onnect inert gas t	ransfer system	demonstration	John Yorsto	•	
Module Scan - Meso Tube				omicee mere gas e	runsier system	acmonstration	Bill Hayes		
x approver		-					Grace Phare	0	
Pouch Cell Corner Scan	Waygate Technologies ADR software Demo					Jungil Byun			
Prismatic Cell Scan									
5:00 p.m.	Offset scan of a large prismatic cell  Group picture  Josh Schradin & Mike Rand Joe Mahigel							JIII & IVIIKE KAIIUAII	
Evening Event	Group picture					JOC IVIGITISCI			
6:00 p.m.	Cincinnati Zoo								
6:30 p.m.		and cocktails							
•	Buffet dinner and cocktails  Event concludes								
9:00 p.m.	Event conclude	25							

## Thursday, November 14, 2024 - Waygate Technologies Customer Solution Center (CSC), Sharonville OH

Time	Subject	Subject					Presenter			
Optimizing Cell/E	Battery Performan	ice								
	Perera, Strategy & Tec		ions Director, \	Naygate Technol	ogies   MBA   E	Beng UK				
8:00 a.m.	Breakfast									
8:30 a.m.	Speaker Meeti	ing - Day two spe	eakers, session	chairs only						
9:00 a.m.	Day 2 Opening	Day 2 Opening					Neil Bloomfield, Global Battery and Automotive Segment Leader, IXS, Waygate Technologies, USA			
9:05 a.m.	Day 2 Welcom	Day 2 Welcome					Michael Ulbricht, Global Commercial Director, Waygate Technologies, Germany			
9:20 a.m.	Keynote Speak	ker Day 2 - Solid	State Battery Er	ndeavor: Challeng	es and	Prof. Ilias Belharouak, Corporate Fellow and Head of Electrification				
	Pathways for F	Practicality				Section at Oak Ridge National Laboratory, TN USA				
10:00 a.m.	The Capabilitie	The Capabilities of the High Energy CT for a Battery Inspection.					Dr. Tomas Zikmund, Research Sub-Group Leader, Brno University of Technology, Central European Institute of Technology, Czech Republic			
10:30 a.m.	Morning Brea	k								
Session Chair: CSC S	Battery Production ite Leader, Radiograp		;							
11:00 a.m.	TBA	TBA					Fluence			
11:30 a.m.	ТВА					Dr. Saad Abbais, Head of Electrochemistry, UK Battery Industrialisation Centre, Coventry, United Kingdom				
12:00 p.m.	From Coil to S	tack - Utilizing a	High Speed Cor	tinuous Process		Sebastian Vogel, Head of Global Sales & Business Development, Korbe Germany				
12:30 p.m.	Lunch									
Battery Recycling	3									
1:30 p.m.	Enabling Circu	larity of EV Batte	eries and Their (	Critical Materials		Jonathan Harter, Senior Technical Professional, Electrical Engineering, Oak Ridge National Laboratory, TN USA				
2:30 p.m.	Battery Recycl	Battery Recycling					Tyler Helps, Co-Founder and Chief Commercial Officer of Currents, OK USA			
Self Guided Hand	ls-On Training/Tut	orials								
Time	v tome x C450	v tome x M300	v tome x L450	Thermo Scientific SEM	Curie	Einstein	Ultrasonic General and Battery			
3:10 - 4:00 p.m.	Module Scan	Pouch Cell		SEM	x approver	Thermo Fisher AVIZO	UT Battery			
Session 1	- Meso Tube	Corner Scan		JLIVI	Alabbiovei	THEITHOTISHEL AVIZO	O'l Dattery			
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Session 1	Time	v tome x C450	v tome x M300	v tome x L450	Thermo Scientific SEM	Curie	Einstein	Ultrasonic General and Battery		
Session 1 - Meso Tube Corner Scan 4:10 - 5:00 p.m. Pouch Cell Corner Scan Cell Scan SEM x approver  Code Description Presenter  AVIZO Demo Dr. Reng Pelapur Thermo Scientific SEM Thermo Scientific Axia ChemiSEM and CleanConnect inert gas transfer system demonstration John Yorston Module Scan - Meso Tube Module Scan w/ Mesofocus Tube X approver Waygate Technologies ADR software Demo Grace Pharo Pouch Cell Corner Scan Traditional corner scan vs. corner fast   scan of a pouch cell Jungil Byun	3:10 - 4:00 p.m.	Module Scan	Pouch Cell		CEM	ylannrover	Thormo Fisher AVIIZO	LIT Pottony		
Session 2 Corner Scan Cell Scan SEM x   approver  Code AVIZO Demo Dr. Reng Pelapur Thermo Scientific SEM Thermo Scientific Axia ChemiSEM and CleanConnect inert gas transfer system demonstration Module Scan - Meso Tube X   approver Waygate Technologies ADR software Demo Pouch Cell Corner Scan Traditional corner scan vs. corner fast   scan of a pouch cell  Corner Scan V   Avizo Demo Dr. Reng Pelapur Dish Yorston Bill Hayes Grace Pharo Grace Pharo Jungil Byun	Session 1	- Meso Tube	Corner Scan		SEIVI	xTapprover	Thermo Fisher AVIZO	OT Battery		
Corner Scan Cell Scan  Code  Description  Presenter  AVIZO Demo  Thermo Scientific SEM  Module Scan - Meso Tube  Klapprover  Waygate Technologies ADR software Demo  Pouch Cell Corner Scan  Traditional corner scan vs. corner fast   scan of a pouch cell  Traditional corner scan vs. corner fast   scan of a pouch cell  Description  Presenter  Presenter  Dr. Reng Pelapur  John Yorston  Bill Hayes  Bill Hayes  Grace Pharo  Jungil Byun	4:10 - 5:00 p.m.		Pouch Cell	Prismatic	SEM	x approver		UT General		
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	( approver	Waygate Techn	ologies ADR soft	Grace Pharo						
Prismatic Cell Scan Offset scan of a large prismatic cell Josh Schradin & Mike Randall	Pouch Cell Corner Scan	Traditional corn	ner scan vs. corne	Jungil Byun						
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