

Class Agenda



Monday, September 30

6:00-9:00 pm	Registration and Networking Reception (optional event): <i>Provided by EaglePicher</i>	Glendalough
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Tuesday, October 1

7:00-8:00 am	Breakfast: <i>Provided by EaglePicher</i>	Glendalough
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General Session Day 1

8:00-8:20 am	Symposium Jump Start		Glendalough
8:20-8:30 am	Power Up Introduction	Heather Smriga	
8:30-8:50 am	Welcome Address	Steve Westfall	
8:50-9:15 am	Company Overview	Ron Nowlin	
9:15-9:40 am	Marketing and Technology Overview	Rob Gitzendanner, Ph.D.	
9:40-9:45 am	Symposium Kick-Off	Ron Nowlin	
9:45-10:15 am	Morning Break: <i>Provided by EaglePicher</i> Vendor booths, product displays and posters open		

Product Session: Lithium Ion and Silver Zinc

10:15-10:20 am	Class Introduction	Jackie Kennedy	Anne McLester
10:20-11:05 am	Battery Technology and Applications	James Bond	
11:05-11:35 am	Lithium-Ion Overview	Mario Destephen, Ph.D.	
11:35 am-12:05 pm	Lithium-Ion Performance	Chao Lei, Ph.D.	
12:05-1:00 pm	Lunch: <i>Provided by EaglePicher</i> Vendor booths, product displays and posters open		Glendalough
1:00-1:30 pm	Lithium-Ion Safety	Owen Crowther, Ph.D.	Anne McLester
1:30-2:30 pm	Silver-Zinc Overview, Performance and Applications	Jeffry Martin and Camie Platner	
2:30-3:00 pm	Silver-Zinc Usage, Storage and Maintenance	Phil Kovach	
3:00-3:30 pm	Afternoon Break: <i>Provided by EaglePicher</i> Vendor booths, product displays and posters open		Glendalough

Battery Build

3:00-5:00 pm	Battery Build: Lithium Ion or Silver Zinc		Glendalough
5:00-5:05 pm	Closing Comments	Matt Housh	Anne McLester
5:05-5:30 pm	Break		

Class Agenda (continued)



Tuesday, October 1 (continued)

Keynote Dinner

5:30-6:30 pm	Cocktail Reception: <i>Provided by EaglePicher</i>		Glendalough
6:30-7:10 pm	Dinner: <i>Provided by EaglePicher</i>		
7:10-7:45 pm	Evening Entertainment, Color Guard Presentation and National Anthem		
7:45-8:00 pm	Speaker Introduction	Jay Tuthill, <i>Tuthill Corporation</i>	
8:00-9:00 pm	Keynote Presentation	John Kelly	

Wednesday, October 2

7:00-8:00 am	Breakfast: <i>Provided by EaglePicher</i> Vendor booths, product displays and posters open		Glendalough
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General Session Day 2

8:00-8:05 am	Welcome Address	Matt Housh	Glendalough
8:05-8:35 am	Electrical Power Systems and High-Temperature Electronics	Roger Brewer, <i>Lockheed Martin</i>	
8:35-9:05 am		Eric Shields, <i>DOUSD Industrial Policy</i>	
9:05-9:35 am	Critical Materials Crossroads – Energy Materials Ecosystem Development	Anthony Caruso Ph.D., <i>University of Missouri-Kansas City</i>	
9:35-9:40 am	Symposium Kick-Off	Matt Housh	
9:40-10:10 am	Morning Break: <i>Provided by EaglePicher</i> Vendor booths, product displays and posters open		

Product Session: Lithium/Carbon Monofluoride (Li/CF_x) and Thermal

10:10-10:15 am	Class Introduction	Jackie Kennedy	Anne McLester
10:15-10:55 am	Li/CF _x Overview	David Darch	
10:55-11:20 am	Thermal Battery Overview	Dharmesh Bhakta	
11:20-11:45 am	Thermal Battery Performance	Nathan Moss	

Product Session: Energetic Devices

11:45 am-12:10 pm	Energetic Devices Fundamentals	Grant Tollefson	Anne McLester
12:10-1:10 pm	Lunch: <i>Provided by EaglePicher</i> Vendor booths, product displays and posters open		Glendalough
1:10-1:40 pm	Energetic Devices Applications	Mike Parrot	Anne McLester
1:40-2:00 pm	Energetic Devices Future State	Matt Housh	
2:00-2:30 pm	Manufacturing Automation Overview	Sterling Moss	

Class Agenda (continued)



Wednesday, October 2 (continued)

Product Session: Battery Systems

2:30-3:00 pm	Battery Management Systems - Hardware	James Bond	Anne McLester
3:00-3:30 pm	Afternoon Break: <i>Provided by EaglePicher</i> Vendor booths, product displays and posters open		Glendalough
3:30-4:00 pm	Battery Management Systems - Software	Tim Kelleher	Anne McLester
4:00-4:30 pm	Commercial-Off-The-Shelf (COTS) Batteries Overview	Richard Coffin	
4:30-5:00 pm	Hazardous Classifications, Packaging and Disposal	Travis Brown	
5:00-5:05 pm	Closing Comments	Ron Nowlin	
5:05-6:00 pm	Break		

Networking Event

6:00-9:00 pm	Networking Event (optional event): <i>Provided by EaglePicher</i>	BigShots Golf
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Thursday, October 3 (optional facility tour)

7:30-8:30 am	Breakfast: <i>Provided by EaglePicher</i>		
Manufacturing Session			
8:30-9:00 am	Battery Systems Integration	Rob Gitzendanner, Ph.D.	Anne McLester
9:00-9:20 am	Cell Activation Discharge Results and Certificate of Completion Presentations	Matt Housh, Ron Nowlin and Jay Rhuems	
9:20-9:30 am	Closing Comments	Steve Westfall	
9:30-10:45 am	Load Bus and Travel to EaglePicher's Crossroads Facility		
10:45-11:45 am	Lithium Ion and CF _x Facility Tour		Crossroads
11:45 am-12:30 pm	Lunch		
12:30-1:00 pm	Load Bus and Travel to EaglePicher's C Street Facility		
1:00-2:00 pm	Thermal and Silver Zinc Facility Tour		C Street
2:00-3:30 pm	Load Bus and Travel to DoubleTree		