

# 48<sup>th</sup> RMLA SPRING CONFERENCE AGENDA

Two Rivers Convention Center  
Grand Junction , Colorado  
May 6-9, 2019

## Monday - May 6, 2019

Special Classes										
	WHITEWATER SP-1	KANNAH SP-D	LPOA Factory SP-L							
8:30 am to 5:00 pm	8:30 a.m. Crosby Factory Training	8:30 a.m. Doppelmayr Ropeway Control Systems	8:30 a.m. Leitner-Poma Ropeway Control Systems and Schematics							
3:00 pm to 5:30 pm	<b>REGISTRATION</b> Join us for refreshments and snacks in the lobby while you plan your class schedule. sponsored by <b>Bonfire Brewing</b>									
5:30 pm to 8:00 pm	<b>WELCOME RECEPTION - AVALON THEATRE</b> ( <i>Avalon Theatre is 4 blocks away</i> ) sponsored by <b>Tommy Knocker Brewing, Emerson Bearing &amp; Helwig Carbon Products</b>									

## TUESDAY - May 7, 2019

7:30 am	<b>REGISTRATION</b>										Two Rivers Convention Center - Lobby
7:30 am	<b>BREAKFAST</b>										Colorado River Ballroom
8:30 am	<b>CONFERENCE OPENING</b>										Colorado River Ballroom
8:45am	<b>KEYNOTE</b>										Colorado River Ballroom
<b>How One Child's Loss Led to a Paradigm Shift in Chairlift Operations</b> Henderson Family, Sponsored by MountainGuard											
	KANNAH G-6	WHITEWATER OP-13	ESCALANTE G-26	PLATEAU SF-12	HAMPTON - GRAND SV-7	FAIRFIELD - MESA M-13	SPRING HILL-MAIN ST E-1	SPRING HILL-MONUMENT SV-8	PARKING CLASSROOM M-14	County/Elections Room E-11	Fairfield La Court G-14
10:30 am to 12:00 pm	Fixed Grip Migration, Jaw and Rope Marks – The Good, the Bad and the Ugly	Leadership in Lift Operations	A Review of the Recent Dynamic Events	Work Carrier Safety	Recent Lift-Related Litigation & the Risk Management Take-Aways	Artec Machine Gearbox Tips and Tricks	Introduction to Basic Electricity	Mental Health in the Workplace - 101	Belt Drive Optimization and Maintenance	Low Voltage Control Circuits	Does This Happen At Your Area? Older Fixed Grip Mechanical Roundtable
12:00 pm	<b>LUNCH</b>										
	KANNAH G-10	WHITEWATER SF-6	ESCALANTE SV-11	PLATEAU E-3	HAMPTON - GRAND M-1	FAIRFIELD - MESA SF-10	SPRING HILL-MAIN ST G-1	SPRING HILL-MONUMENT E-19	PARKING CLASSROOM M-9	County/Elections Room M-20	Fairfield - Breakfast Room SF-3
1:00 pm to 2:30 pm	The Growing Value of Chairlift Video Surveillance	Basic Avalanche Safety for Lift Maintenance Personnel	Communicate - It's the most important thing you will do all day.	Troubleshooting Comm-Lines and Mechanical Deropement Switches	Introduction to Wire Rope	OSHA Compliant? Basic, Common & Often Overlooked Items	NSAA's Lift Maintenance Resource Guide	AC & DC Motor Maintenance and Trouble Shooting	Old School Machinery Alignment 3-Hour Class	Concerned About Aging Lifts and Other Mechanical Equipment?	New Innovations in Fall Protection: How to rescue a worker, OSHA Ladder safety Standard and Inspector Course
	<b>BREAK</b>										
	KANNAH OP-10	WHITEWATER SF-6 Continued	ESCALANTE M-12	PLATEAU E-26	HAMPTON - GRAND M-11	FAIRFIELD - MESA E-22	SPRING HILL-MAIN ST M-15	SPRING HILL-MONUMENT E-19 Continued	PARKING CLASSROOM M-9 Continued	County/Elections Room M-21	Fairfield - Breakfast Room SF-3 Continued
3:00 pm to 4:30 pm	Lift Operations Roundtable	Basic Avalanche Safety for Lift Maintenance Personnel	Hydraulic Safety Training	Transformers - What you should know.	Fastener Basics	Experiments in DC-SCR Drive Tuning	Introduction to Brakes - 101	AC & DC Motor Maintenance and Trouble Shooting. <b>Continued</b>	Old School Machinery Alignment <b>Continued</b>	Failure Analysis of Ski Area Mechanical Equipment With an Emphasis on Shafts and Fasteners	New Innovations in Fall Protection: How to rescue a worker, OSHA Ladder safety Standard and Inspector Course
4:30 pm	Join us for refreshments and snacks in the lobby after class. Sponsored by <b>Anode Systems.</b>										Two Rivers Convention Center - Lobby

## WEDNESDAY - May 8, 2019

7:30 am to 8:30 am	<b>BREAKFAST</b>										Colorado River Ballroom
8:30 am to 10:00 am	<b>General Session</b>										Colorado River Ballroom
8:30 a.m. - Annual Business Meeting 8:45 a.m. - Little Shop - Michael Lane, NSAA											
10:30 am	<b>Colorado Passenger Tramway Safety Board - Board Meeting</b>										
ROOM - County Elections Building											
	KANNAH OP-12	WHITEWATER SF-1	ESCALANTE M-27	PLATEAU OP-7	HAMPTON - GRAND G-7	FAIRFIELD - MESA M-4	SPRING HILL-MAIN ST G-4	SPRING HILL-MONUMENT G-24	PARKING CLASSROOM E-8	County/Elections Room	Fairfield La Court E-9
10:30 am to 12:00 pm	Employment Law	Safety Fundamentals	Manual Hoists and Cranes "What's the Deal?"	OSHA and how it relates to the workplace.	Basic Mathematics for Lift Maintenance and Operations	Lift System Upgrades	Leitner-Poma of America Manufacturers Session	Using Metrics to improve Maintenance and Staff Engagement	AC Motor Principles & Best Maintenance Practices	CPTSB Meeting	Fuseology: Overview, Application, and Selection
12:00 pm	<b>AWARDS LUNCH</b>										Colorado River Ballroom
	KANNAH G-16	WHITEWATER SF-8	ESCALANTE G-23	PLATEAU E-21	HAMPTON - GRAND SV-10	FAIRFIELD - MESA E-10	SPRING HILL-MAIN ST M-19	SPRING HILL-MONUMENT G-25	PARKING CLASSROOM M-10	County/Elections Room OP-5	Fairfield - Breakfast Room SF-2
1:30 pm to 3:00 pm	OSHA Deep Dive: Analyzing 3 Unique Employee Lift Safety Injuries	Conveyor Round Table	Doppelmayr Manufacturers Session	Applying Annex J Functional Safety	Motivating Staff and Finding Purpose	Grounding and Lightning for Ski Lift Operations	Bearings Hands-on Workshops in Failure Analysis & Part Identification - From the Manufacturer	Maintenance in the Ski Area - the real relationships and dependencies within the ski area	Old School Cardan Shaft Alignment 3-Hour Class	Employee Wellness and Its Effects on Performance and Retention	Optimizing Your Employee Safety Culture to Improve Performance and Guest Satisfaction
	<b>BREAK</b>										
	KANNAH SV-1	WHITEWATER E-23	ESCALANTE M-22	PLATEAU E-21 Continued	HAMPTON - GRAND SV-9	FAIRFIELD - MESA E-18	SPRING HILL-MAIN ST G-22	SPRING HILL-MONUMENT G-9	PARKING CLASSROOM M-10 Continued	County/Elections Room OP-11	Fairfield - Breakfast Room SF-2 Continued
3:15 pm to 4:45pm	Small Ski Area Roundtable	Lightning/Surge Protection & The Coordination of Technologies	Ski Area Lubrication - Where we've been and where should we be going.	Applying Annex J Functional Safety <b>Continued</b>	Courageous Conversations	Basic Networking and Communications	Magic Carpet Conveyor Maintenance and Safety	Advanced Ski Lift Math and Physics	Old School Cardan Shaft Alignment <b>Continued</b>	Ramp design and operator ownership of the lift system	Optimizing Your Employee Safety Culture to Improve Performance and Guest Satisfaction
4:45 pm to 7:00 pm	<b>TRADE SHOW</b>										Gunnison River Ballroom
Food and Beverages sponsored by <b>Doppelmayr USA, Inc.</b> and more beverages sponsored by <b>Motion Industries</b>											

## THURSDAY - May 9, 2019

7:30 am to 8:15 am	<b>BREAKFAST</b>										Colorado River Ballroom
	KANNAH OP-2	WHITEWATER G-27	ESCALANTE OP-1	PLATEAU M-18	HAMPTON - GRAND M-26	FAIRFIELD - MESA E-13	SPRING HILL-MAIN ST E-20	SPRING HILL-MONUMENT G-2	PARKING CLASSROOM E-16	County/Elections Room SF-4	Gunnison River Ball Room G-13
8:30 am to 10:00 am	Summer Operations Round Table	Documentation and Record Keeping - Moving it Forward	ANSI B.77-2017: Using the Updated Standard	Hydraulic Controls Brake Tension 3-Hour Class	Splice Rigging Calculations, Know your load!	Rope Position Detection (RPD) - Doppelmayr Systems	Electrical Switches 101 - Bridging the Gap Between Electrical and Mechanical	Knots - Slings - and Other Things	CPS's, Troubleshooting Tower Faults	Leadership in Safety	Detachable Mechanical Roundtable
	<b>BREAK</b>										
	KANNAH OP-3	WHITEWATER E-5	ESCALANTE SF-9	PLATEAU M-18 Continued	HAMPTON - GRAND M-26 Continued	FAIRFIELD - MESA SV-12	SPRING HILL-MAIN ST E-24	SPRING HILL-MONUMENT M-28	County/Elections Room SF-4 (Continued)	Gunnison River Ball Room OP-6	
10:30 am to 12:00 pm	Guest Services: Training and Techniques	Using Vibration Analysis and Infrared Thermography to Monitor Machinery	ARC Fault Current Awareness- NFPA 70E	Hydraulic Controls Brake Tension <b>Continued</b>	Splice Rigging Calculations, Know your load. <b>Continued</b>	Investigating and Documenting Lift Incidents	Electrical Switches 201 - Bridging the Gap Between Electrical and Mechanical	Design and Construction of Summer Operation Loading and Unloading Decks.		Leadership in Safety	Lift Operations Training and Documentation