

Geological Society of Nevada 2022 Symposium: Vision for Discovery

Thursday, April 28th	Friday, April 29th	Saturday, April 30th	Sunday, May 1st
PRE-MEETING FIELD TRIPS & SHORT COURSES			REGISTRATION: 7:00 AM - 7:00 PM
FIELD TRIPS	FIELD TRIPS	FIELD TRIPS	EHXIBIT HALL AND POSTER SETUP: 8:00 AM - 4:00 PM
Field Trip 5: (April 28-May 1st - 4 Days) Epithermal Deposits of the Walker Lane, Nevada Leaders: Elliott Crist, Joe Kizis	Field Trip 5: (April 28-May 1st - 4 Days) Epithermal Deposits of the Walker Lane, Nevada Leaders: Elliott Crist, Joe Kizis	Field Trip 5: (April 28-May 1st - 4 Days) Epithermal Deposits of the Walker Lane, Nevada Leaders: Elliott Crist, Joe Kizis	

Meeting Venue Color Codes

Nugget 1 Room
Nugget 2 Room
Cascade 1 Room
Cascade 2 Room
Celebrity Showroom
Orozko Restaurant & Lounge
Exhibit Hall
Foyer
Field Trips
Short Courses

SHORT COURSES
Short Course 1: Best Practices in Mineral Resource Estimation: A Two Day Refresher Course Presenter: Abani Samal, GeoGlobal LLC

FIELD TRIPS	
Field Trip 4: (May 1st - 1 Day) Seismic Hazards & Evolving Landscapes, Reno-Carson-Tahoe Area Leader: Rich Koehler	
Field Trip 5: (April 28-May 1st - 4 Days) Epithermal Deposits of the Walker Lane, Nevada Leaders: Elliott Crist, Joe Kizis	
Field Trip 2 CANCELLED: Structural Controls of Geothermal Systems	
SHORT COURSES	Time
Short Course 1: Best Practices in Mineral Resource Estimation: A Two Day Refresher Course Presenter: Abani Samal, GeoGlobal LLC	8:00 AM -5:00 PM
Short Course 2: Analytical data management, Q/A and reporting. Presenter: Chantal Jolette	8:00 AM -5:00 PM
Short Course 5: Spectral Geology: Remote Sensing to Spectral Petrology, Exploration through Life of Mine Presenter: Benjamin Porter, TerraCore	8:00 AM -5:00 PM
ICE BREAKER EVENT IN EXHIBIT HALL 5:00-7:00 PM	5:00 PM-7:00 PM

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Monday, May 2nd			
REGISTRATION: 7:00 AM - 5:00 PM			
EXHIBIT HALL and POSTER HOURS: 9:00 AM - 5:30 PM			
Start Time			
7:50-8:00	Opening Remarks		
8:00-8:35	Keynote: "Geometry and Evolution of Normal Faults Formed During Lithospheric Extension of Continents" Eric Sedorff (University of Arizona)		
8:35-10:10 AM	Cordilleran Geology & Tectonics Andrew Zuza		
10:10-10:50 AM	COFFEE BREAK IN EXHIBIT HALL 10:10-10:50 AM SPONSORED BY MAJOR DRILLING		
10:50AM-12:30 PM	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; background-color: #e0f7fa;"> Basin & Range Roundup Mark Travis </td> <td style="width: 50%; text-align: center; background-color: #bbdefb;"> Student Research Showcase Molly Hunsaker SPONSORED BY HUNSAKER INC. </td> </tr> </table>	Basin & Range Roundup Mark Travis	Student Research Showcase Molly Hunsaker SPONSORED BY HUNSAKER INC.
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12:30-1:45 PM	Lunch Keynote: "Carlin-Like and Carlin-Unlike Deposits: A Perspective from the Orogenic Gold World" Richard J. Goldfarb (Research Professor, Colorado School of Mines) (12:45-1:45 PM, Celebrity Showroom)		
1:45-2:30 PM	Blue Skies and Greenfields: A Panel Discussion on Early-Stage Exploration Methods, Philosophies, Impacts, and Funding-Part I. Richard Reid SPONSORED BY IONEER		
2:30-3:00 PM	COFFEE BREAK IN EXHIBIT HALL 2:30-3:00 PM SPONSORED BY ARCHER CATHRO		
3:00-4:15 PM	Blue Skies and Greenfields: A Panel Discussion on Early-Stage Exploration Methods, Philosophies, Impacts, and Funding-Part II. Richard Reid SPONSORED BY IONEER		
4:15-5:15 PM	EXHIBIT HALL RECEPTION - 4:15-5:15 PM SPONSORED BY PERPETUA RESOURCES		
5:15-6:00 PM	Keynote: "Basin & Range Geology: Evolution of Thinking from 1920 to 2020" Charles H. Thorman Talk (Emeritus, US Geological Survey) (5:15-6:00 PM - Open to All, Nugget 1/2)		

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Tuesday, May 3rd			
REGISTRATION: 7:00 AM - 5:00 PM			
EXHIBIT HALL and POSTER HOURS: 9:00 AM - 5:30 PM			
Start Time			
7:45-8:15 AM	Keynote: "Mesozoic and Cenozoic Tectonic Evolution of the Great Basin" Elizabeth L. Miller (Stanford University):		
8:20 - 10:00 AM	Mesozoic-Cenozoic Tectonism and Structural Relations Across the Northern Great Basin: Relationships to Gold Mineralization Sandra Wyld, David Rhys, Douglas Prihar, Franck Valli	Rumors from the Bush Pete Dilles	Best Practices & Innovations in Geological Modeling & Mineral Resource Estimation - Part I. Doug Reid and Abani Samal
10:00 -10: 40 AM	COFFEE BREAK IN EXHIBIT HALL 10:00-10:40 AM SPONSORED BY PERPETUA RESOURCES		
10:40 AM-12:40 PM	Mesozoic-Cenozoic Tectonism and Structural Relations Across the Northern Great Basin: Relationships to Gold Mineralization Sandra Wyld, David Rhys, Douglas Prihar, Franck Valli	Exploration Geophysics Case Histories Chet Lide and Jim Wright	Far Reaches: Exploration and Ore Deposits Beyond the Basin and Range Luke Schranz
12:40-2:00 PM	Lunch Keynote: "Ticking Through the Investment Clock" Joe Mazumdar (12:40-1:50 PM, Celebrity Showroom) SPONSORED BY AMERICAN ASSAY LABORATORIES		
2:00-3:20 PM	Eocene Tectonics, Magmatism, and Metallogeny: From Squeeze to Ease Curtis Johnson & Mike Ressel	Strategic & Critical Minerals Patty Capistrant Molly Hunsaker	Best Practices & Innovations in Geological Modeling & Mineral Resource Estimation - Part II. Doug Reid and Abani Samal
3:20-4:00 PM	COFFEE BREAK IN EXHIBIT HALL 3:20-4:00 PM SPONSORED BY MAJOR DRILLNG		
4:00-5:20 PM	Eocene Tectonics, Magmatism, and Metallogeny <i>Continued</i>	Strategic & Critical Minerals <i>Continued</i>	
4:00-5:30 PM	EXHIBIT HALL RECEPTION 4:00-5:30 PM		
7:00-10:00 PM	EMX ROYALTY CORP-RIDGELINE MINERALS NETWORKING MIXER Orozko Restaurant/Lounge (Lower Level of Nugget, SE Corner) 7:00-10:00 PM		

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Wednesday, May 4th

REGISTRATION: 7:00 AM - 5:00 PM

EXHIBIT HALL and POSTER HOURS: 9:00 AM - 4:00 PM

Start Time			
8:00-8:30 AM	Opening Talk: "Geology, the Art of Exploration & Discovery" John Prochnau		
8:30-10:15 AM	Carlin on the Edge: Off-Trend Deposits and Concepts Mike Ressel	Mining and Discovery History Charlie Sulfrian	USGS EarthMRI Roundtable - A Discussion of Critical Minerals Exploration and Development Warren Day
10:15-10:55 AM	COFFEE BREAK IN EXHIBIT HALL 10:15-10:55 AM SPONSORED BY SSR MARIGOLD		
10:55 AM - 12:35 PM	Epithermals I. High Sulfidation Precious Metal Deposits: Recent Global Discoveries and Great Basin Analogs Pete Dilles	Intrusion-related Deposits Hillary Jochens	Early-& Mid-stage Exploration Elizabeth Zbinden
12:35-2:00 PM	Lunch Keynote: "Gold in the Pilbara, Western Australia: A Perspective on the Establishment of Earth's Crustal Gold Cycle," Quinton T. Hennigh (Crescat Capital LLC) (12:35-2:00 PM, Celebrity Showroom) SPONSORED BY TIMBERLINE RESOURCES CORP.		
2:00-3:00 PM	Epithermals II. Low Sulfidation Odin Christensen	Geochemical Crossroads: Time to Look Deeper and Under Cover Shea Clark Smith & Mike Ressel	New Strategies and Innovations for Exploration Mike Ressel
3:00-3:40 PM	COFFEE BREAK IN EXHIBIT HALL 3:00-3:40 PM SPONSORED BY SVL ANALYTICAL, INC.		
3:40-5:00 PM	Epithermals II. Continued	Geochemical Crossroads Continued	New Strategies and Innovations Continued
5:00-5:30 PM	BREAK: 5:00-5:30 PM		
5:30 - 7:30 PM	GSN Foundation - Landshark Lounge Party (Nugget 1) Sponsored By Baroid IDP, Blackrock Silver, and Jentech Drilling Supply Grand Canyon Raft Trip - Raffle Prize Donor: Envirotech Drilling		

Geological Society of Nevada 2022 Symposium: Vision for Discovery

Thursday, May 5th				
REGISTRATION: 7:00 AM - NOON				
8:00 AM - 12:00 PM EXHIBITOR and POSTER TAKE DOWN				
Start Time				
7:30-8:00 AM	Keynote: "Exploration for Carlin-type deposits in Nevada: Targeting Criteria Using a Mineral System Approach" John L. Muntean (Nevada Bureau of Mines and Geology)			
8:05-10:05 AM	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; vertical-align: top;">Carlin-type & Carlin-like Deposits Mike Ressel</td> <td style="width: 50%; text-align: center; vertical-align: top;">Advanced Projects: From Drillhole To Blasthole, New Mine Development In The Western US Chad Peters and Mike Harp</td> </tr> </table>	Carlin-type & Carlin-like Deposits Mike Ressel	Advanced Projects: From Drillhole To Blasthole, New Mine Development In The Western US Chad Peters and Mike Harp	
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10:05-10:25 AM	COFFEE BREAK IN FOYER BY REGISTRATION 10:05-10:25 AM SPONSORED BY MULETOWN ENTERPRISES/TIPTON TRUCKING			
10:15AM-12:05PM	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; vertical-align: top;">Mineral Textures as Ore Vectors Anthony Gesualdo and Mike Ressel</td> <td style="width: 50%; text-align: center; vertical-align: top;">Metal deposits of the Walker Lane: New Developments in Old Districts David John and Peter Vikre</td> </tr> </table>	Mineral Textures as Ore Vectors Anthony Gesualdo and Mike Ressel	Metal deposits of the Walker Lane: New Developments in Old Districts David John and Peter Vikre	
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12:30-2:00 PM	Complimentary Appetizer-style Lunch and Drinks SPONSORED BY RUEN DRILLING 12:30-2:00 PM Closing Keynote: "Exploration in the 21st Century: Navigating the New Paradigm," Moira T. Smith (Liberty Gold) and Student Awards (Steven Weiss)			
Meet Time	FIELD TRIPS			
2:15 PM	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; vertical-align: top;">Field Trip 1: Epithermal Deposits of Northern Nevada & Southwestern Idaho (May 5-8th 3.5 Days) Leaders: Justin Milliard, Luke Schranz, Rob Selwood</td> </tr> <tr> <td style="text-align: center; vertical-align: top;">Field Trip 3: The Famous Comstock 1 hr Pre-Trip Overview Presentation Room: Redwood TBD Leader: Don Hudson</td> </tr> <tr> <td style="text-align: center; vertical-align: top;">Field Trip 6: Carlin and Associated Gold Deposits of Northern Nevada (May 5-8th 3.5 days) Leaders: Dave Rhys, Allie Ingels, Franck Valli</td> </tr> </table>	Field Trip 1: Epithermal Deposits of Northern Nevada & Southwestern Idaho (May 5-8th 3.5 Days) Leaders: Justin Milliard, Luke Schranz, Rob Selwood	Field Trip 3: The Famous Comstock 1 hr Pre-Trip Overview Presentation Room: Redwood TBD Leader: Don Hudson	Field Trip 6: Carlin and Associated Gold Deposits of Northern Nevada (May 5-8th 3.5 days) Leaders: Dave Rhys, Allie Ingels, Franck Valli
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Start Time	SHORT COURSES			
2:00 PM -5:00 PM ??	Short Course 10 - Digital Exploration Resources — Nevada and Beyond Lead Presenter: Lucia Patterson and Rachel Micander SPONSORED BY: NEW FRONTIER DRILLING			

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Friday, May 6th	Saturday, May 7th	Sunday, May 8th
POST-MEETING FIELD TRIPS & SHORT COURSES		
FIELD TRIPS	FIELD TRIPS	FIELD TRIPS
Field Trip 1: Epithermal Deposits of Northern Nevada & Southwestern Idaho (3.5 days) Leaders: Justin Milliard, Luke Schranz, Rob Selwood	Field Trip 1: Epithermal Deposits of Northern Nevada & Southwestern Idaho (3.5 days) Leaders: Justin Milliard, Luke Schranz, Rob Selwood	Field Trip 1: Epithermal Deposits of Northern Nevada & Southwestern Idaho (3.5 days) Leaders: Justin Milliard, Luke Schranz, Rob Selwood
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Field Trip 3: The Famous Comstock Gold & Silver District (1-day) Leader: Don Hudson		

Start Time	SHORT COURSES	Start Time	SHORT COURSES
8:00 AM -5:00 PM ??	Short Course 7 Geologic and Resource Modeling in Leapfrog Presenters: SRK Resource Geology Team	8:00 AM -5:00 PM ??	Short Course 7 Geologic and Resource Modeling in Leapfrog Presenters: SRK Resource Geology Team