



**2021 BHSC International Symposium
“Worker Safety Progress and Promise”**

**October 18-20, 2021
Golden Nugget Hotel
Las Vegas, NV
All times Pacific Daylight**

**October 18
Monday Afternoon
Session 1 –**

<i>Time</i>	<i>Event</i>	<i>Speaker</i>
12:00 – 13:00	<i>Registration</i>	
13:00 – 13:15	<i>Welcome and Overview</i>	Gary Griffin, Vice Chair Roland Chretien, Chairman
13:15 – 14:00	<i>Introduction to A Practitioner’s Guide to Beryllium Hazard Management</i>	Dan Field, NNSA
14:00 – 14:45	<i>The History of Beryllium Disease</i> <ul style="list-style-type: none"> • <i>Early History</i> • <i>Distinction of Chronic Disease versus Acute Disease</i> 	Marc Kolanz, Materion
14:45 – 15:00	<i>BREAK</i>	
15:00 – 15:45	<i>Development of Exposure Levels and Regulations</i> <ul style="list-style-type: none"> • <i>Early History – prior 1995</i> • <i>History Since 1995</i> • <i>Challenges of Be Management</i> • <i>Technical basis for OELs</i> 	Paul Wambach
15:45 – 16:30	<i>Overview of the OSHA Rule/DOE NOPR</i>	OSHA Representative DOE—Dan Field, NNSA
16:30 – 16:45	Conclusion of Day 1	Roland Chretien

October 19
Tuesday Morning
Session 2 –
Keynote Speaker – Lisa Maier

07:00 – 08:00	Registration Continental Breakfast	Breakfast sponsored by Materion
08:00 - 08:15	Welcome and Session Overview	Lisa Barker, NJ Health—NJ Health
08:15 – 09:15	Medical Surveillance presentation Natural History of BeS and CBD AND Gene Environment Interactions in Beryllium Sensitization and Chronic Beryllium Disease	Keynote: Lisa Maier, NJ Health
09:15 – 10:00	Medical Surveillance: OSHA <ul style="list-style-type: none"> • Considerations Regarding the Informed Consent Process for Be LPT • Medical Surveillance Tests for Beryllium Workers • Beryllium Lymphocyte Test Results Algorithm Medical Surveillance: DOE <ul style="list-style-type: none"> • Considerations Regarding the Informed Consent Process for Be LPT • Medical Surveillance Tests for Beryllium Workers • Beryllium Lymphocyte Test Results Algorithm 	Constantine Dumas, Materion Warren Sayre, CNS
10:15 – 10:30	BREAK	
10:30 – 10:45	Exhibitor Demonstration and Exhibits	Gary Griffin
10:45 – 11:15	Surveillance Data Analysis <ul style="list-style-type: none"> • Longitudinal Analysis of Y12 Be LPT Data and Exposures On-Site • Uninterpretable Be LPTs: Observations and Recent Research Findings 	Ashley Golden, ORISE
11:15 – 11:45	Medical Surveillance Expert Panel	All Presenters
11:45 – 13:15	LUNCH	Lunch sponsored by Berylliant

October 19
Tuesday Afternoon
Session 3-

<i>Time</i>	<i>Event</i>	<i>Speaker</i>
13:15 – 14:00	<i>Protecting Workers from Be Exposures During Soil Remediation</i>	Robert Brounstein, Terranear PMC
14:00 – 14:45	<i>Sampling to Produce Initial Beryllium Risk Characterization Data and Following an Event or Excursion</i>	Geoff Braybrooke, US Army Public Health Command Mike McCauley, WVU
14:45 – 15:00	BREAK	
15:00 – 15:45	<i>Technical Approach for the Determination of Appropriate Surface Levels</i>	Geoff Braybrooke, US Army Public Health Command Charles Davis, EnviroStat
15:45 – 16:30	<i>Exposure Experience at Sites/Facilities</i> <i>Hill AFB</i> <i>Materion</i>	Charles Barela, Hill AFB Lt. Col. Gabriel Pepper, USAF Marc Kolanz, Materion
16:30 – 17:15	<i>Barriers and Solutions for Using Consensus Based Standards</i>	Kevin Ashley, Berylliant
17:00 – 17:15	Conclusion of Day 2	Roland Chretien, Chairman

October 20
Wednesday Morning
Session 4-
Keynote Speaker – Steve Jahn

<i>Time</i>	<i>Event</i>	<i>Speaker</i>
07:00 – 08:00	<i>Registration</i> <i>Continental Breakfast</i>	
08:00 - 08:10	<i>Welcome and Overview</i>	Roland Chretien, Chairman
08:10 – 09:15	<i>Risk Communication and Risk Management for Occupational Health and Safety Professionals</i>	Keynote: Steve Jahn
09:15 – 09:45	<i>“Detection” and Reporting Limits: A Report on Last Month’s Symposium at Pittcon</i>	Charles Davis, EnviroStat
09:45 – 10:15	<i>Luckey Site—Progress Report and Lessons Learned</i>	Michael Polek, USACE
10:15 – 10:30	BREAK	
10:30 – 11:15	<i>Overview of Global Beryllium EHS</i>	Ted Knudson, Materion—

<i>Time</i>	<i>Event</i>	<i>Speaker</i>
11:15 – 12:00	Release of Equipment and Other Items: <ul style="list-style-type: none"> • Regulatory Requirements <ul style="list-style-type: none"> - 29CFR1910.1024 - 10CFR850 • Decontamination Methods • Contamination Mitigation • Best Practices 	
12:00	Lunch included with session	

October 20
Wednesday Afternoon
Session 4–
Session Chair – Charles Davis

<i>Time</i>	<i>Event</i>	<i>Speaker</i>
13:15 – 14:00	Exposure Assessment Strategy and Risk Assessment: Beryllium Hazard Management Philosophy	Nicole Bernholz, BNL
14:00 – 14:30	Doubling Health-Relevant Be-Research Funding: Portfolio analysis & Reconstruction.	J. Thomas Pierce
14:45 – 15:00	Break	
15:00 – 15:45	Risk Communication: <ul style="list-style-type: none"> • Special Risk Communication Circumstances in Beryllium Surveillance 	
15:45 – 16:30	BHSC Plans for the Future—Meeting the Needs of Be Professionals	Roland Chretien
16:30 – 16:45	Conclusion Day 3, Feedback, & End of Conference	Roland Chretien, Chairman

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