Join Us in Berlin, Germany!
22–25 September 2019

Fall 2019 Sponsorships
SMRI appreciates sponsorships and financial support of our conference activities and expenses. SMRI’s 2019 sponsorship information is available online through Dawn Langlinais (dawnL@solutionmining.org; +1 918-914-2499). No commercial advertising will be accepted, but SMRI will acknowledge contributions of all sponsors.

Thank you to these sponsors of the Fall 2019 Berlin SMRI Conference:

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**SILVER:** Agapito Associates; Lane Power & Energy Solutions, Inc.; UGS GmbH

**BRONZE:** Cavern Solutions, Inc.; Lonquist & Co. LLC; Sabine Storage & Operations, Inc.; Seal-Tite International; SOCON Sonar Control Kavernenvermessung GmbH

Hotel Information

Crowne Plaza Berlin City Centre
Nürnbergter Str. 65
10787 Berlin, Germany

Standard room, single occupancy: 169.00 EU (apprx. 190.00 USD)
Standard room, double occupancy: 179.00 EU (apprx. 200.00 USD)
Breakfast and wifi included.

**RESERVATIONS:**
By Phone: +49 30 210070
Click Here for Website Reservations

Any cancellations, with full refund, must be made by Aug 25.

Travel Information

Berlin is serviced by three airports: Schönefeld, Tegel and BERT. Tegel airport is located 4 miles from the Crowne Plaza. Rail and bus transportation available.

Schedule for Fall Conference

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<td>Technical Class, &quot;Mechanical Integrity Testing,&quot; (Optional, class will be repeated from Spring 2019—New Orleans, LA)</td>
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<td>23 September</td>
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Registration

About 200-250 technical delegates are expected to attend the conference. This Call for Papers is tentative, and details are subject to change. The official conference announcement will be e-mailed to members and posted on the SMRI website around 5 July 2019.

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<th>Event</th>
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Call for Papers for Technical Sessions

Important Dates and Deadlines for Authors:

14 June 2019   Abstracts of papers due; email to Program Chair
28 June 2019   Speakers will be notified of acceptance
16 August 2019 Final copy of the paper due; email to Program Chair

Papers are solicited on all aspects of solution mining and the use of caverns. Suggested topics include:

DISCIPLINES:
- Geology
- Geophysics (top- and edge-of-salt deposit imaging and verification)
- Geochemistry
- Health, safety, and environmental
- Rock mechanics and subsidence
- Drilling and well completion
- Solution mining (rock salt, potash, trona, and other salts)
- Cavern construction, monitoring, and operation
- Surface facility design, construction and operation

TECHNOLOGIES:
- Cavern testing and monitoring (Mechanical Integrity Testing, sonar, etc.)
- Cavern sealing and abandonment
- Cavern utilization for energy storage

APPLICATIONS:
- Brine production of salt, potash, trona, or other water soluble minerals
- Liquid hydrocarbon storage
- Gas storage—natural gas, hydrogen, and other gases
- Renewable energy storage (compressed air and hydrogen)
- Regulatory affairs and best practice standards

Speakers must email the proposed title with 200- to 500- word abstract to Eric Busch, 2019 Program Chair, by 14 June 2019. The abstract must clearly describe the paper subject and have a concise, descriptive title. Approximately 20 papers will be selected for presentation at the conference. In appreciation, technical session speakers (one person per paper) will be SMRI’s guest for the Monday evening dinner/event.

For further technical program or author information, or subject questions, please contact:

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Technical Class
“Mechanical Integrity Testing (MIT) and Techniques in Gas and Liquids Storage Caverns”

Sunday, 22 September 2019

(Optional, subject will be repeated from Spring 2019, New Orleans)

This technical Class is designed as a beginning and refresher course in conducting and analyzing these tests, along with a survey of regulatory drivers. The tentative list of topics includes: fundamentals and physical principles of these tests, techniques, common practices (case histories), analysis and reporting, quality assurance, and needs / requirements of end-users of test results. The course will address testing of gas-filled caverns, and tests that monitor interface depth and amount of a light test medium such as nitrogen or hydrocarbon over brine.

The scope of topics will complement with, minimal overlap, the information presented during the 2017 course “Well Integrity Management for Salt Caverns”. The 2017 course primarily addressed comprehensive programs for integrity management, over the cavern life cycle, while the 2019 class focuses on test techniques and analysis.

SMRI tech classes always allow time for discussions and questions, and there are opportunities for making new friends and having related discussions during breaks and lunch. Each class participant will receive a USB drive of the class papers and conference papers, and will have the option to order/purchase a printed Class Book during online registration. More class details will appear in the Conference Announcement to be issued about 5 July 2019, or you may contact:

Technical Class Chair 2019
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Research Presentation
Depending on research project estimated completion dates, it is likely there will be one or two oral research reports presented at this conference (Ratigan’s RR2019-2: SOCON SPR Field Test). More information will follow in the Conference Announcement 5 July 2019.

Technical Field Trips**
(Optional)
All field trips will be Wednesday 25 September 2019. Each will be full-day plus. There will be additional information in the conference announcement. SMRI reserves the right to limit participants to those passing security screening.

Field Trip #1—Falkenhagen (Brandenburg (Prignitz), Germany)
In Falkenhagen, Uniper Energy Storage has constructed the world’s first demonstration plant for storing wind energy in the natural gas grid. The plant stores electricity generated by wind turbines. Around 360 Nm³/h of hydrogen is generated by means of electrolysis and fed via a 1.6 km hydrogen pipeline into the gas grid. In May 2018, the facility was expanded to include a methanation plant.

Field Trip #2— Freiberg (Saxony, Germany)
Freiberg is a historic mining town with a mining history of over 800 years. Its historic town centre has been placed under heritage conservation and is a chosen site for the proposed UNESCO World Heritage Site known as the Ore Mountain Mining Region. The field trip includes a tour through the Freiberg silver mine and a visit to the “Terra Mineralia,” one of the world’s most famous mineral exhibitions. (Photo from the Freiberg silver mine below)

Spouses/Friends Program
Monday and Tuesday, 23 and 24 September (Optional)
Spouses and friends are always welcome at SMRI conferences. Friends will not be technical delegates. Plans include two spouses/friends local tours, tentatively:

**Monday**: Participants tour Berlin by bus and on foot from 9:30am - 2:30pm. There will be a lunch stop, but the price of lunch is not included. Sites include: Brandenburg Gate, Gendarmenmarkt, Checkpoint Charlie, Original Berlin Wall, and more.

**Tuesday**: There will be a bus trip to Potsdam, a UNESCO World Heritage Site and the capital of Brandenburg. Potsdam is located on the banks of the Havel River and a short distance from Berlin. With its authentic charm, picturesque brilliance and rich history, the city is a cultural gem. The tour includes visits to Castle Cecilienhof and Palace Sanssouci and Gardens. Lunch is included at Brauerei Meierei Potsdam, a restaurant and brewery.

Monday Night Dinner
The Classic Remise Berlin, a center for vintage cars, was opened in 2003 in a historic tram depot originally built in imperial times, beginning in 1899. Some architectural changes to the building were made in the 1920s. There were limited damages during the war; firebomb damage can still be seen on the ceiling. After the tram system was abandoned in then West Berlin in the 1960s, the depot was left to decay until 2002 when the current owners converted it to a classic car center. Unlimited viewing of cars, a buffet dinner, and a hosted bar will be enjoyed from 7:00pm - 9:30pm. Transportation provided.

Future Conferences
Spring 2020
SMRI Conference—Detroit, Michigan, USA

Fall 2020
SMRI European Conference—Krakow, Poland